

CODE NO.	DISCREPTION	QTY
02-10-00736	Complete Automatic line for pvc IV Bag production . Capacity 4 million / year of 500 ml Bag .	10MT
	1-Non toxic pvc sheath 105/0.35 mm weight of roll 13-15 kg ,acceptable for eign particle seen under polarized light 3 % Max .	
	2- Non toxic Pvc tubing 6.3/7.9 mm weight of roll 4-5 kg.	
	3- Special Macrolone Stoppers T.N.C.A ,500 PCS or 1000 per closed polyethylene bag 10-5 bags per carton Box	
	INKS :	
02-10-00737	1- Red k20	108 kg
02-10-00738	2- Green k 40	84 kg
02-10-00739	3- Blue k 31	60kg
02-10-00740	4- BLAK K 65	24 kg
02-10-00741	5- Yellow k10	12 kg
02-10-00742	6- Marrone k23	12 kg
02-10-00743	7- Violet k37	12 kg
02-10-00744	8- Brown k50	18 kg
02-10-00745	9- Terquaze k34	18 kg
02-10-00746	10- Gray k101	12 kg
02-10-00747	11- Orange k15	6 kg
02-10-00748	12- Pink k25	18 kg
02-10-00749	13- White k60	60 kg
02-10-00750	14- Dark blue	24 kg
	Solvents :	
02-10-00751	1- KVS	200 LT
02-10-00752	2- KVH	200 LT
02-10-00753	3- KD	200 LT
02-10-00754	4- Retarder	200 LT
	Filters :	
02-10-00755	1- Glass fiber – prefilter type 257 mm , 50 pieces / Box	250 box
02-10-00756	2- Cellulose actate hepa filter,diameter 293 mm ,pore size 1.2 um , 25 pieces/Box	500 box
02-10-00757	3- Glass fiber- prefilter, dimeter 124 mm,50pieces /Box	250 BOX
02-10-00758	4- Cellulose acetate hepa filter , diameter 142 mm ,250Box pore size 142 mm,50 pieces /Box	250
02-10-00759	5- Supper microne – wyud filter dppy ,1 micron .	200 pcs

	Chemicals :			
02-10-00760	1. Dextrose anhydrous for iv solution			100 ton
02-10-00761	2. 2-(Nacl) soduim chloride anhydrous			30 ton
02-10-00762	3. Potassium chloride			100 kg
02-10-00763	4. Manitol for iv solution			25 ton
02-10-00764	5. Calcium chloride 2h2o			100 kg
02-10-00765	6. Magnesium chloride			50kg
02-10-00766	7. Magnesium sulphate			25 kg
02-10-00767	8. Sodium lactate 60% solution in polyethylen cantinas 20 kg capasity each .			2 tons
02-10-00768	9. Dextran 70000			12 ton
02-10-00769	10. Sodium acetate			10 ton
02-10-00770	11. Glucose powder			2 ton
	Screen :			
02-10-00771	1. Screen for cardiosam solution			2
02-10-00772	2. Screen for dextan – D- Solution			2
02-10-00773	3. Screen for Dxtan – N- solution			2
02-10-00774	4. Screen for Dextrose 5 % solution			16
02-10-00775	5. Screen for Dextrose 10% Solution			8
02-10-00776	6. Screen for Dextrose 20% solution			4
02-10-00777	7. Screen for Hartman solution			4
02-10-00778	8. Screen for A Solution			4
02-10-00779	9. Screen for B solution			4
02-10-00780	10. Screen for C solution			2
02-10-00781	11. Screen for manitol 10% solution			4
02-10-00782	12. Screen for manitol 20 % Solution			4
02-10-00783	13. Screen for N.S 0.9 %			30
02-10-00784	14. Screen for 2.5 % dextrose + 0.4 % Nacl sol.			6
02-10-00785	15. Screen for Ringer			6
02-10-00786	16. Screen for dextrose saline (Adult)			12
02-10-00787	17. Screen for dextrose saline (infant)			4
02-10-00788A	Polyethylen for overwrapping			100 ton
	Label for the solutions :			
02-10-00788	1. Label for cardiosam sol.			2000
02-10-00789	2. Label for dextran D sol.			12000
02-10-00790	3. Label for dextran N sol.			8000
02-10-00791	4. Label for dextrose 50% sol.			150000
02-10-00792	5. Label for dextrose 10% sol.			15000
02-10-00793	6. Label for dextrose 20% sol.			10000
02-10-00794	7. Label for hartman sol.			35000
02-10-00795	8. Label for A sol.			12000
02-10-00796	9. Label for B sol.			4000

02-10-00797	10. Label for C sol.		3000	
02-10-00798	11. Label for manitol 10 %		17000	
02-10-00799	12. Label for manitol 20 %		15000	
02-10-00800	13. Label for N.S 0.9 %		264000	
02-10-00801	14. Label for 2.5 % dex.+0.45 % Nacl sol.		40000	
02-10-00802	15. Label for Ringer		35000	
02-10-00803	16. Label for dextrose saline (Adult)		100000	
02-10-00804	17. Label for dextrose saline (infant)		45000	
02-10-00805 A	CARTON FOR PACKING TYPE I.V.		800000	
02-10-00805	disposable gloves		7500 pairs	
02-10-00806	disposable masks		7500 pieces	
02-10-00807	marking coloured class(different color)		200 pencils	
02-10-00808	citrimide (for sterilization)		500 kg	
02-10-00809	alcohol		5000L	
02-10-00810	manual printing machine for 14 figure to print pvc bags		20 pcs	
02-10-00811	manual printing machine for 12 figure to print paper labelling		10pcs	
02-10-00812	nylon for shrink		50 tons	
02-10-00813	adhesive tape 2 inch.		12000 roll	
02-10-00815	acetone		5000L	
02-10-00816	solution for washing gauze		500L	
02-10-00817	warning label			
02-10-00818	special vacuum cleaner		5	
02-10-00819	electrical fork lift		4	
02-10-00820	manual fork lift		6	
02-10-00821	solvents			
02-10-00822	1. KVS		200L	
02-10-00823	2. KVH		200L	
02-10-00824	3. KD		200L	
02-10-00825	4. Retrader		200L	
02-10-00826	Sanitary services sprinklers :-		unit	
	DESCRIPTION			
	Sprinkler Heads.			
	1-Supply Joint sprinkler, Heads.spray,pattery			
	Sprinkler 68c with glass bulb types ,brass			
	Chrome plated complete			
	A-Pendent type 20mm for ceiling protection		1408	
	B-Pendent type 45mm for rack protection		5312	

	C-Spare sprinkcer cabinet complet with 72		1	
	n.o. spear sprink pendent type 20mm			
	For ceiling protection and set of tools			
	D-Spear sprinkler cabinet complet with 108		1	
	No. spear sprinkler pendent type 15mm			
	For rack protection and set of tools			
	2-Supplyadeiesel enjin driven sprinkler pump			
	According to BS standerd and F.O.C rules			
	Consisting of splite case canter fugal punp			
	Output , Q = 145 lit/ scc against head			
	H=110m,six sylinder fourstroke desiel			
	Engine spead 1500 r.p.m, speci ficafuel			
	Consumption 230g/kw/hr,flexible coupling			
	Between pump and deisel engine water			
	Codling system with honey comb radiater			
	Ventilatar cooling water pump and tempreatur			
	Regulater. Commen base plate for pump and			
	Desile engine . steel welded the rate			
	Include supply fuel oil tank capacity			
	200 let wall mounted and set of load			
	Strage batteries 12v with pattry cable			
02-10-00827	supply vertical jockay pump according to F.O.C		1	
	rule with output Q=12 let / sec agasit head H= 120m			
	with squired cage motor 2900 r.p.m working			
	voltage 380 V , 50 HZ			
	surounding 35 C0 consisting of centerifugal pump with			
	electric motor socket valve , socket cheek valve			
	on/ off switch with thermal motor protection , pressure			
	gauge the rate include all necessary gaskets belts			
	and fittings			
02-10-00828	supply black steel pipe (seamless type)			
	schudule (40)			
	pipe dameter 250 mm		M.L 580	
	PIPE DIA (150) mm		M.L 1100	
	pipe dia (100) mm		M.L 1000	
	conforming to B.S (1387):1967 or equivalent as approved meduidtty			
	galvanized pipe (80mm)		M.L 780	

	galvanized pipe (65mm)		M.L 60	
	galvanized pipe (50mm)		M.L 1820	
	galvanized pipe (40mm)		M.L 2800	
	galvanized pipe (32mm)		M.L 3350	
	galvanized pipe (25mm)		M.L 10800	
02-10-00829	supply a control valve 250 mm diameter consisting			
	a:- alarm valve , 50 mm drain and lest valve 15 mm		2	
	test valve , water supply pressur gauge , installation pressure gauge ,			
	alaum motor and gang . Combined valve seattng			
	and guide , alarm valve clack , composition disc			
	annular groove in valve seating , compaanstaor water			
	suuply , main feet to install ation , connection to alarm			
	equipment , drain pipe, padlock and strap , drip, plug			
	alarm stop valve and strainer			
02-10-00830	Scale to check bags weight			
	Technical data			
	- scale range		5 kg	
	- scale division		2 g	
	- MAX LOAD		6 KG	
02-10-00831	Scale for raw chemicals:			
	Technical data			
	- scale rang		400 kg	
	- scale division		200 g	
02-10-00832	Scale for raw chemicals :			
	Technical data			
	- scale range		20kg	
	- scale division		10g	
02-10-00833	Scale for PVC			
	Technical data		100kg	
	Division		50 g	
02-10-00834	Plastic carriage containers			

	Volume :80 mmh x 50 mm w x 50mm l		6	
	Suitable pressure gauge to indicate positive pressure inside the clean room .		4	
			QTY	
02-10-00835	Complete project for IVPLANT using P.V.C Bags		2	
	consist of : produce 4000 000 bag / year atone shaft			
	High frequency bag welding machine to weld Lay-flat PVC sheath and weld tube in the bags. The machine is doing automatically the following operations:-			
	A-printing of the bags by hhot steaming process			
	B-welding of the bags together with the filling tube diameter 6.3*7.9 mm with the possibility to weld 1,2 or 3 filling tubes at the time.			
	C-sealing of the filling tube(s) necessary for possible long term storage of the bags.			
	D-speration of the bags by hot knnives:			
	*produce bags of volume (100,250,500,1000,2000,3000 MI)			
	*Capacity : 1200 bags/h			
	*Electric supply :			
	380 volt. - 50 hertz			
	3 - phase+neutral +earth			
	maximum power : 25 Kw-60 Amps.			
	*compressed air consumption			
	30 NM3 /h at 7 bar working pressure			
	controls with PLC			
	over all dimation :			
	length : 7 m			
	width : 3m			
	height : 2.30 m			
	*with suitable carriages containers			
	Full automatic stopper washing machine to wash special macrolon stoppers T.N.C.A. with D.W. and filtered compressed air capacity : 2000 stopper/h		2	
	Full automatic bags washing machine to washing machine to wash PVC bags size (100 ml to 3000 ml) with filtered D.W and suuitable pressure to wash bags completely and suction it by foorour stage		2	

	capacity : 2000 bag/h			
	fully automatic printing machine to print batch No. man date , Exp.date on PVC bags			4
	capacity for each : not less than 2000 opeartion/h			
	full automatic filling sealing machine for PVC bags size (100ml to 3000ml) machine suitable both to automatic filling and to automatic stopper insertion after the filling			4
	*the plugs are automatically fed and then automatically inserted by special station inside the filling pipe.			
	*the nozle can be suited for standard 6-8 mm pipe as well as for any other size of pipe.			
	*the size of equipment : hight 190mmxwidthh 150 mmxdepth200mm			
	capacity : 1500-3000 bag/h			
	full automatic autoclave measurment :			2
	length : 3950 mm			
	diameter: 1480mm			
	total width : 1560 mm			
	height : 1850 mm			
	capacity : 760 contanier of 500 ml (2 set of carriages)			
	carriages and trays data (per set)			40
	capacity : 380 containers of 500 ml			
	length : 1350 mm			
	width :1000 mm			
	height : 1500 mm			
	visual control to check the forign particle using polarized light with two conveyers belts length of each 12 m.			20
	fully automatic overwrapping machine to wrap PVC bags size (100 ml to 3000 ml) using P.E. overwrapping .			1
	capacity : 70 bag/min.			
	with two S.S container length 2m x 1.5 m width x 0.5 m height			
	automatic cartoning machine to fold carton transport even lower carton quality dimentions of the carton needed :			2
	length 39.5 cm, height 12.5 cm , width 19.0 cm			
	capacity : 2000 box/h			
	Scale to check bags weight technical data :-			1
	scale range (kg) scale division(g) max.100d(kg)			
	5 2 6			
	Scale to raw meterials technical data:-			1

	scale range(kg)	scale division(g)		
	400	200		
	scale for raw chemical technical data:-			1
	scale range (kg)	scale division(g)		
	20	10		
	Electrical forklifter			4
	capacity :- 2000 kgs			
	height : 7m			
	Manual forklifter			8
	capacity : 2000 kgs			
	electrical autonomous floor cleaning machine			1
	water vacuum cleaner			4
	plastic carriage containers			6
	volume : 80 mmh x 50 mmw x 50 mml			
	S.S tanks			
	a.volume 7000l with heating coil			1
	b.volume 7000l with heating , cooling , coil and mixer with level site class , with complete filtration and pumping unit.			1
	Galvanized tanks for raw water			2
	capacity : 60 m3 each			
	Distillation unit			1
	*out put : 2000 l/h			
	*steam heating			
	*supplies with deionized water			
	*Distilled water for I.v			
	*with PLC control			
	Steam boiler with dirator			1
	*output : 2000 kgs/h			
	*maximum pressure 8 bar			
	*with feeding pump and light fuel			
	*dosing unit and other accessories			
	*with PLC control			

Air compressor		1	
*output : 25 m3/minut			
*maximum pressure 8 kg/cm2			
*free of oil 100 %			
* with PLC control			
water tretment		1	
containing 2 lines one in operation and the second stand by:-			
the line contain			
1-filter activated carbon			
2-scavnger filters			
3-softener			
4-Deionizer			
5-regeneratioons for above filters automaticly			
6-suitable containers for (salt - Hcl - naaoH)for regeneration of resins.			
7-all parts are made of rigid PVC			
8-all systems controlled by PLC			
Heating Boiler		1	
out : 260 KW/h			
with circulation pump			
centrifugal Water cooled chiller ,		4 unit	
Capacity 475 tons.			
Voltages 380 v, 50 HZ			
Motor starter chiller			
Recommended spare parts for 3 years			
3- All needed accessories .			
chillers		10	
specification for each chiller			
1- cooling cap acity 600 KW			
2- number of compressors			
3- tupe of copressor screw			
4- chilled Water in/out 6/12 c			
5- condenser water in/ out 30/35 c			
filters :			
a -cellulose acetatefilters type 293 poresize 1.2mm-25 paper per box		400 box	
b-class fibre -perfilter type 257-50 paper perbox /box		200 box	
c-cellulose acetate filter type 142 poresize 1.2 mm 50 paper /box		200 box	
d-class fiber perfilter type 124-50 paper /box		200 box	
e-supper microne -Wynd filter, DPPY 1 microne		100 PCs	
f-pall cartrige filter type MCY 4463 BP poresize 0.45 Mm		500 PCs	

	portable conveyer belt driven by electric device with variable speed and for directional motion for the belt.		2	
	Large wet service unit 850 /900 mm high x 120mm width x 600mm deep		10	
	upper cup board with glass doors 750mm high x 1170 mm width x 320mm deep (for 1200mm modul)		6	
	under bench trav trolley size 700mm high x 1030mm width x 475mm deep (hinged doors optional)		4	
	suitable pressure gauge to indicate positive pressure inside the clean room		4	
02-10-00836	SPARE PARTS FOR WELDING MACHINE TYPE Z3BS40			
	supplier : thimonnier S.A tel : (7) 883.55.55			
	description		qty	
	Oscillator tube BR1196		4	
	piston type CPUD-N-32-10-x, ser. No. 87-8256		1	
	piston type CPUD-T-50-165, PF-PM		2	
	piston type CPUD-T-50-130 DPA-12, ser no 88/8687		4	
	piston type CPUD-T-50-325		2	
	base plat L=80.7 cm,width =60.7 cm , thickness= 2 mm		2	
	welding electrodes size 500 ml		2	
	Scrapper holder		2	
	Double -balaancing holder for scrapper complete with shaft		2	
	Braake for serigraphy machine		1	
	Rubber roller for pulling P.V.c		2	
	scrapper rubber for printing machine		2	
02-10-00837	SPARE FOR TUBE WELDING MACHINE Type :M2 -B4 -1 Supplier : VIFOR Manufacturer :Thimomer		3	
	Oscillator tube T- 130/1		2	
	Foot switch type 358-945 maxpreslobar		2	
	Air regulator type RFU483 CAMOZZI		2	
	Piston type stroke		1	
	Micro swich 5A250V- 83101		1	
	Timer MN2 for changing polarity type SAIA		4	

	Timer MNI for welding type SAIA		12	
	Electrode (top &Bottom)		4	
	Needle		2	
	Holder from Brass for needle		2	
	Contractor K3 type CMC MR3 / 56A		3000P	
02-10-00838	SPARE PART FOR BAG WASHING MACHINE TYPE: pharmpack – RIB16H-NR 200 SUPPLIER :VIFOR Manufacturer : pharmapac- Germany		1000 P	
	Motor with gearbox complete		5000 P	
	Carrier disk NO- 18		2000P	
	DISTRIBUTOR DISK NO –17		5000P	
	DISK CAM NO- 16		30P	
	FLANGE bearing NO – 15		2000P	
	Supporting ring , top – 51			
	Supporting ring bottom 52		5 LIT	
	Piston NO- 47		10LIT	
	CASING NO – 46		10LIT	
	CASING NO – 44		10KG	
	Piston NO –43		2KG	
	DISTRIBUTOR – CASING NO – 45		2 KG	
	CASING NO – 40		2KG	
	PISTON NO- 39		2 KG	
	PISTON NO – 38		2 KG	
	PUMP NO – 35		2 KG	
	Solenoid valve NO –61		1 KG	
	Corner valve NO – 62		1 KG	
	FILTER CASING NO –5g		1 KG	
	Flange NO – 20		2 KG	
	Covering disk NO 21		2 KG	
	Arton No- 22		2 KG	
02-10-00839	SPARE FOR STOPPERS WASHING MACHINES TYPE : STRUNCK RAND A01 , MACHINE NO – 6181008402 – COM11015119 SUPPLIR : VIFOR MANUFACTURER : STRUNCK-GERMANY		2KG	
DESCRIPTION	sheet No. Order No			
Joint	2 2		2KG	
DISTRIBUTOR HEAD	2 3		1 KG	

DISTRIBUTOR	2	4		1 LIT
Joint	2	5		500 GM
DISTRIBUTOR PLAT	2	6		1 KG
SHAFT	2	7		2 KG
Bearing disc	2	10		20 AMBOULE
cup spring	2	21		20 AMBOULE
disk	3	22		50 AMBOULE
carrier disk	3	27		10 AMBOULE
counter disk	3	28		10 AMPOULE
spouting tubes	1	35		10 AMPOULE
a-shower tubes	8	36		10AMBOULE
b- screw socket	8	37		10 AMPOULE
c- injection nozzle	6	42		10 AMPOULE
d- splash protaction	5	20		10 AMPOULE
e- splash hood	1	51		10 AMPOULE
f- flitter complate	9	53		10 AMPOULE
g- filtter inset	10	60		10 AMPOULE
h- filtter holder compl	yy 22	142-30		1 KG
l- spare part for filter	: yy22	- 142- 20		100 KG
1- hand wheel nut ,	yy22	14257		100 KG
2- connector	yy22	142 60		200 KG
3- vent relief valve	yy30	293 66		10 BOTTLE
4- o- ring teflon	yy22	142 53		5 BOTTLE
5- enlet flow deflector	yy 22	142 05		1 KG
6- filter support scree	yy40	142 64		500 GM
7- hand wheel stud	yy22	142 70		1 KG
02-10-00840	SPARE PART FOR SUPER STILL MASCRINI TYPE : FA500 HR SUPPLIER : VIFOR MANUFACTURER : STILMAS			500 GM
	Sheet No.			500 GM
	Floating switch (ie4)	sheet 1 -of 1		5 LIT
	Feed water solenoid valve (isi)	sheet 1- of 1		2
	Solenoid valve for heating steam (3si)	sheet 1 -of 1		25
	Steam solenoid for automatic Service (4s1)	sheet 1- of 1		
	Soty concentrated discharge Electro pump (6M1)	sheet 1- of 1		
	Distilled water Electro pump (7m2)	sheet 1- of 1		25
	Floating switch (9e3)	sheet 1- of 1		25
	Floating switch (distilled water)7e4	sheet 1- of 1		25
	Heat exchanger (3)	sheet 1- of 1		25
	Heat exchanger (salty concentrate)3/1	sheet 1- of 1		25
	Level water indicating glass	sheet 1- of 1		25

	Adjusting cock for running operation 70-71-72	sheet 1- of 1	25	
	Manometer (12)	sheet 1- of 1	25	
	Steam trap (15)	sheet 1- of 1	10	
	Bearings Nu 2210	for compressor125 FA 350	5	
	Ball bearing 22210 CJ	for compressor125 FA 350	6	
	Packing	for compressor125 FA 350	10	
	Sealring	for compressor125 FA 350		
	BroZe compressor complet type : 125 fA350 NO- 7998 R.P.M 890			
	Conductivity meter type MRP 20 LC			
	Cell Type M 9 / 4			
	Conductivity meter type MRP 20 LC			
	Cell Type M 9 / 4			
02-10-00841	SPARE PART FOR VOLVMENTRIC FILING UNIT TYPE :VIFOR SUPPLIER :VIFOR			
		sheet No.		
	P.C. board for main supply TL3220-211 DIESSEL 009-02-82-011-000			
	Setting and adjusting element P.C. board TL 3220-209 –DIESSEL 008-02-82-402-000			
	Maine fuse NO .(9)	008-06-82-002-000		
	Valve fuse NO.(10)	008-06-82-002-000		
	Cable for pick-up system NO.-12	008-06-82-002-000		
	Pck-up probe			
	Cable for main connection power			
	Cable for stop key			
	Emergency stop key			
	Solenoid valves (st. st) complete with coil 24 V a .c			
02-10-00842	SPARE PART FOR CYLINDRICAL AUTOCLAVES TYPE : VIFOR SUPPLIER : VIFOR Swiss			
	Manometer Heretic DRC 100/211.133 DN 100 Stainless steel G ½ "Scale 1 to 3 bar			
	Valve Klinger KVD 11 " PN/6 DN 20			
	FILTER SAMSON 2N PN 16 DN 20			
	Pressure reducer regulator valve Samson 39.2 PN 16 DN 20 0.1 TO 1.2 bar			
	Pneumatic valve Gemini 514 /25 1"			
	Safety valve Ramseyer 441 PN 16 DN 25 H4 2 BAR			
	Steam trap spirax sacra FT 11 – 4.5 TV DN 40			
	Pneumatic valve Gemini 514 /40 1 ½"			
	Pressure reducer Norgen 11-824-011-1"			

	Pressure reducer with filter and water tap Festo LFR -1/4-5-7-SM			
	Check valve Festo H- ¼ "a			
	Electro-magnet valve Lucifer 132A 54 24 V DC			
	Pressostat Ashcroft 200 mbar to 4.6 bar			
	Electro-magnet valve Lucifer 321 K 13 220 V- 50 Hz			
	Safety valve kugler 7470 ½ "			
	Ciculator Grundfoss up 25 -45 220 V - 50 Hz			
	Thermal resistor gauge degussa PT 100 250 mm Special execution			
	Contact thermometer Haenni 0 to 120 c0 L= 250 mm 3 meters			
	Pressostate Aschcroft - 1 to 2.3 ba			
	Micro switch Telemcanique XCK - J562			
	Electro - magnet Bachofen GTCA 060X43 A01 24 V DC			
	Manometer Haenni DRC 100/211.133 DN 100 Stainless steel G ½" 0-10 ba			
	Recorder ELME S-16 with special paper and inked -Ribbon			
	Door gasket LD 3961-82/08-11514			
	Mechanical shaft seal Type : NO - AR : 96527 NO.CLIENT : 30023 401			
	SYM : 1158039900 uu50 REF : 876952 NO - NEC OU ART : 7913 243			
	NORMOPAC33+GRAIN 244 X 14- 47- 26-31- 13			
	Garriagas & trys data (per set) capacity 380 containers of 500ml .			
	Length 1350 mm.width 1000mm Height 1500 mm			
	Charger complete 220/24 V			
	Light emitting diode (LED) for control panal			
	Motor type F160 M.4 380V 50 HZ HKW RPM 1460 3PH			
02-10-00843	SPARE PARTS FOR AIR COMPRESSOR TYPE : ATLAS COPCO AG 808E SERIAL : ARP 823 38g Supplier : VIFOR Manufacturer:			
	(Filter element) For high efficiency liquid and aerosol removal filter			
	type PD 300 1202 3569			
	part No.			
	Compressor Element 2989 0012 00			
	Bearing 0504 061700			
	O - Ring 0663 7154 00			
	Gasket 2252 5475 00			
	bearing 0508 2115 01			
	gear Wheel 2252 7748 00			
	bearing 0508 2158 01			
	bearing 0506 5115 00			
	Seal ring 1619 5177 00			
	gear wheel 2252 7747			

	Air Filterelement	1030 0979		
	Separator	2252-6313-00		
	Gasket	2252 6299 01		
	Minimum pressur valve ,complet	2252 7129 80		
	cupling element	1619 5242		
	fan	2253 4947		
	motor 380v 75 kw 1460 RPM 50 HZ	1080 2300- 02		
	Atlas copco air dryer type FD230			
02-10-00844	SPARE PART FOR CHILLER			
	Type : pcx – 180 H5			
	Supplier : vifor			
	Manufacturer : Dunham – Bush LTD Portsmouth hampshire - England			
	Oil pump			
	Mod pump: 88 AT 3 Type : 6 MTR :1013 Voit 400 Frg 50 Thermally protector			
	Compressor complete with motor			
	Mod :1615 HHF4 V5 D			
	Serial : 82B 800063 ENE FILE : X4357WP –0128 volt 380 PH 3 Freq.50			
	Pilot Expansion – valve			
	Pilot Expansion – valve 5H TCLE GT 2271			
	Main Expansion - valve POS: 125 H2 GT: 2597 FRQ: 50 Hz Volt : 240 v			
02-10-00845	SPARE PARTS FOR STEAM BOILER			
	TYPE : VITEX RD – 16			
	Supplier : VIFOR			
	Manufacturer : Paul WEBER AG- SWITZER Land			
		Suppliers No.		
	Spare glasses klinger Gr.VIIA	weber		
	Set of gasket for Erw 42	weber		
	Safety valve type: 431 - 433 DN 25-150	Geber leser		
	Gauge Cocks type D8 -65 - 025	klinger		
	Reflex Liquid level gauges type KB-D	klinger		
	Drain Cock ABL	klinger		
	Flame control box	Elco		
	TYPE : LAC 3-025 SERIEL :02 220v-240v N-50HZ ts 5sec 3.5 VA			

02-10-00857	Viscometer	2		
02-10-00858	Disolved oxygen meter	2		
02-10-00859	Analytical balance	2		
02-10-00860	Water bath	3		
02-10-00861	Incubator temperature from 3-400C	3		
02-10-00862	Retrigerator thermometer	2		
02-10-00863	High effecting distilled apparatus	2		
02-10-00864	Freezing point osmometer	2		
02-10-00865	Alomic absorption apparatus	1		
02-10-00866	Air coulter	1		
02-10-00867	Stainless steel filtration	4		
02-10-00868	Cage animal unit for rabbits	12		
02-10-00869	Plastic welding apparatus manual apered	4		
02-10-00870	Digital temperature monitor for pyrogen test with probes	2		
02-10-00871	Laboratory glass ware washing automatic	2		
02-10-00872	Attest No1262,1262p	3000p.		
02-10-00873	Cellulose nitrate black – white filter pore size 0.45 Mm	3000p.		
02-10-00874	Disposable syringe sterilized size 20mc	5000p.		
02-10-00875	Disposable syringe sterilized size 10 mc	1000p		
02-10-00876	Disossible needle sterilized 24 G	5000p		
02-10-00877	Disossible needle sterilized 19 G	2000p		
02-10-00878	Disossible petridish sterilized	5000p		
02-10-00879	Maximum and minimum thermometer	30p		
02-10-00880	Tape adhesive indicator 3M	2000p		
02-10-00881	CH3COOH	5 LIT		
02-10-00882	Ethanol Absolute	10 LIT		
02-10-00883	HCL	10 LIT		
02-10-00884	Ammonium chloride	10LIT		
02-10-00885	Ammonium acetate	2 KG		
02-10-00886	Ammonium carbonate	2KG		
02-10-00887	Ammonium oxalate	2 KG		
02-10-00888	Barium hydroxide	2KG		
02-10-00889	Barium chloride	2KG		
02-10-00890	Cupper lisulfate 2 H2O	2KG		
02-10-00891	Bromothymol blue	1 KG		
02-10-00892	Chloramic tetrahydrate	1KG		
02-10-00893	Ecochrom black T	1KG		
02-10-00894	L(+) Tartaric Acid	2 kg		
02-10-00895	Iron chloride	2KG		
02-10-00896	KOH	2KG		
02-10-00897	Methyl red	1KG		
02-10-00898	Potassium Iodide	2KG		
02-10-00899	Potassium permangnate	2 KG		

02-10-00900	Potassium chromate	2KG	
02-10-00901	Starch	1KG	
02-10-00902	Thioglycolic acid	1LIT	
02-10-00903	Titan yellow	500GM	
02-10-00904	Tin granntated	1KG	
02-10-00905	Urang lacetate	1 KG	
02-10-00906	NaoH (0-1 N)	20AMBOULE	
02-10-00907	Kmno4 (0.02 M) 0.1 N	20 AMPOULE	
02-10-00908	Silver Nitrate	50 AMBOULE	
02-10-00909	Ammonium thiocyanate	10 AMPOULE	
02-10-00910	Sodium thiosulfate (0.1)N	10 AMPOULE	
02-10-00911	EDATA (0.1) M	10 AMPOULE	
02-10-00912	Iodine (0.05m)(0.1 N)	10 AMPOULE	
02-10-00913	POTASSIUM STANDARD SOL.	10 AMPOULE	
02-10-00914	Sodium stand .sol.	10 AMPOULE	
02-10-00915	Buffer sol. PH 4	10 AMPOULE	
02-10-00916	Buffer sol. PH7	10 AMPOULE	
02-10-00917	NaOH (0.01) N	10 AMPOULE	
02-10-00918	Tin concentrated	10 AMPOLUE	
02-10-00919	Methyl orange	1 KG	
02-10-00920	Tri. sodium – ortho phosphate	100KG	
02-10-00921	Sod. Sulfite hepta hydrate	100KG	
02-10-00922	Buffer tablate	200 KG	
02-10-00923	Buffer sol. PH7	10 BOTTLE	
02-10-00924	BUFFER SOL. Ph 4	5 BOTTLE	
02-10-00925	Oxalic acid	1 KG	
02-10-00926	1-10 pheronthrol	500GM	
02-10-00927	Calcon carboxylic acid	1KG	
02-10-00928	250 ml bottle of phenolaphalene	10 BOTTLE	
02-10-00929	Sodium meta bisulphate	500GM	
02-10-00930	Potassium Iodate	500GM	
02-10-00931	Iodin 0.1N	500GM	
02-10-00932	Sulpharic acid	5 LIT	
02-10-00933	Curcible platinumium	2	
02-10-00934	Conical flask size 500 ml	25	
02-10-00935	Conical flask size 250ml	25	
02-10-00936	-Pyre x beaker with spout and graduation size 500 ml	25	
02-10-00937	- Pyre x beaker with spout and graduation size 250 ml	25	
02-10-00938	- Pyre x beaker with spout and graduation size 100 ml	25	
02-10-00939	- Pyre x beaker with spout and graduation size 50 ml	25	
02-10-00940	- Pyre x beaker with spout and graduation size 25 ml	25	
02-10-00941	-Pipettes capillary graduated size 25 ml	25	
02-10-00942	- Pipettes capillary graduated size 15 ml	25	
02-10-00943	-Pipettes with bulb size 10 ml	25	

02-10-00944	- Pipettes with bulb size 5 ml	25		
02-10-00945	Flask volumetric with stopper size 1000	10		
02-10-00946	Aspirator bottles carboys- polyethylene size 20 litter	5		
02-10-00947	Flask filtering bottle shape capacity 10 litter	6		
02-10-00948	Flask filtering pyrex glass capacity 500 ml	10		
02-10-00949	COMPLETE FULL AUTOMATIC PRODUCTION LINE FOR OPEN AMPOULES .	QTY		
		2		
	DESCRIPTION :-			
	#NAME?			
	- CAPACITY : (50) FIFTY MILLION AMPOULES PER. AYEAR .			
	- AMPOULE SIZE (1,2,3,5,10) ml ACCORDING TO DIN (58377)			
	- COLOUR BREAK UNIT .			
	- CHANGE PARTS FOR A.M. AMPOULES SIZE			
	WITH FOLOWING DETAILS :-			
	? CLEANING , WASHING , PACKING , LABELLING AND SHRINKING MACHINE			
	(WITH WATER TRETMENT UNIT)			
	CAPACITY : (200) TWO HUNDRED MILLION AMPOULE / YEAR .			
	? CARTON FORMING MACHINE FOR EMPTY AMPOULES PACKING CASE AND COVER			
	- CUTTING			
	- FLUTING			
	- FOLDING			
	- GLUEING			
	NOTE : THE CAPACITY OF THE PACKING CASE ACCORDING TO THE INTERNATIONAL STANDERD FOR EACH SIZE OF EMPTY AMPOULES (WITH ALL THE ACCESSARIES AND MOUIDS)			
	#NAME?			
	#NAME?			
	- GRINDING AND SHARPING MACHINE FOR CARBIDE CUTTING DISK (WITH ALL DEVICES AND ATTACHMENT)			
	- SHRINKING MACHINE FOR THE RICK OF PACKING CASE OF EMPTY AMPOULES ON A WOODEN PALLET .			
	? SPARE PARTS			
	- PRICED LIST OF SPARE PARTS OF CONSUMABLE AND UN CONSUMABLE PARTS FOR A.M. MACHINE			

	- PRICED LIST OF CHANGE PARTS AND MOULDS FOR ALL THE A.M. MACHINE FOR FIVE YEARS OPERATION			
	- SPARE PARTS CATALOGUE :-			
	? DOCUMENTS :			
	(3) SETS OF MANUAL OPERATION			
	(3) SETS OF MANUAL INSTRUCTION AND MAINTENANCE .			
	(3) SETS OF SPARE PARTS CATALOGUE.			
	? COMMISSIONING AND WARRANTY:-			
	- INSTALLATION , START - UP AND TRAINING AT OUR SITS .			
	- TRAINING OF FOUR PERSONS FOR A PERIOD OF TWO WEEKS AT THE MANUFACTURE SITS			
	- THE SUPPLIER WILL BEAR TRAVELLING, MISSING AND ACCOMODATION EXPENSES			
	- WARRANTY ONE YEAR AFTER START UP .			
	1- GLASS TUBE ACCORDING TO (DIN 58377)			
	2- THE TUBES ARE CLOSED FROM BOTH SIDES AND HAVE A SMALL OPENING OF APROX , 1.5 mm FOR AIR- EXIT .			
	3- THE LENGTH OF TUBES IS APPROX 1.500 mm			
	OUTER DIA	COLOUR	QTY .	
	10.75 mm	CLEAR GLASS	115000	
	10.57 mm	AMBER GLASS	115000	
	12.75 mm	CLEAR GLASS	75000	
	12.75 mm	AMBER GLASS	75000	
	14.75 mm	CLEAR GLASS	75000	
	14.75 mm	AMBER GLASS	75000	
	17.75 mm	CLEAR GLASS	60000	
	17.75 mm	AMBER GLASS	60000	
	(GLASS TUBES SPECIFICE FOR AMMP)			
	1- Glass tube (class SPECIFICE) in compliance with (DIN) specefication NO. 58377 to produce a medical Glass Ampouies .			
	2-This Tube is closed from both sides but there is a small opening a side (dia .1.8mm) at the upper for air exit the tube length is appr . 1500 mm .			
	3-Each 300 tubes packed togathrs in a tightly coverd with P.E. Thicknek 0.1 mm			
	4-Each 54 packages paeked togathes (capacity 300 tubes in pallett its base consins of (6) packages height of (9) packages and put on awoodem base this pallet is covered with (p.e.) firstly thickness			
	(0.2mm) then covered with hard cartoon (deublu carrugated) then to be covered with athick p.e. (thichnes 0.2 mm)			
	(6) packages height of (9) packages and put on awoodem base this pallet is covered with (p.e.) firstly thickness			

	(0.2mm) then covered with hard cartoon (beublu carrugated) then to be covered with athick p.e. (thichnes 0.2 mm)					
	5-To put a thick castoon (double corrugated) horzently between the packages of paillet for safty and avoied brakage / breakage .					
	Des.	Colour	Length fused ends mm	Outerdin mm	Wall –Thick ness mm	
	Glass Tube Class (1)	Amber	1500	10.75 +- 0.13	0.50 +- 0.02	114000kg
	Glass Tube Class (1)	Trans parent colour less))	1500	10.75 +- 0.13	0.50 +- 0.02	114000kg
	Glass Tube Class (1)	Amber	1500	12.75 +- 0.13	0.50 +- 0.02	38000kg
	Glass Tube Class (1)	Trans parent colour less))	1500	12.75 +- 0.13	0.50 +- 0.02	kg38000
	Glass Tube Class (1)	Amber	1500	17.75 +- 0.15	0.60 +- 0.03	16000kg
	Glass Tube Class (1)	Trans parent colour less))	1500	17.75 +- 0.15	0.60 +- 0.03	16000kg
	Ampoule making machine manufacturer name : MODERNE - MECANIQUE					
	DESCRIPTION					QTY
	CARBIDE DISK H10 T 392X - 00-410T					50
	BOTTOM POSTE COMPLETE					15
	TOP POST COMPLETE					15
	CRAPHITE PAD 4X 20-1600 N					5000
	SPEED FLEX BELT 1850 X 25					50
	SPEED FLEX BELT 2800 X 25					30
	BURNER 3F 6/10 246X -13 - 0610					30
	ROUND BURNER NOSE 22 IR 9F 8/10 244 X - 19- 0810					30
	RECTANGULAR BURNER IR 6F 6/10 242X-16-0610					50
	AIR GAP BURNER 1F 30/10 241 X 01- 3010					20
	ROUND BURNER NOSE 22 3R 9F 10/10 244X-39-1010					30
	HUTCHINSON BELT POLY V 406 J5 373 X - J5- 460X					50
	BEARING 626 2 Z					250
	BEARING 6001 2 Z					100
	LENGTH ADJUSTING PLATE (ECONOMIZER) FOR 1 ML					25
	LENGTH ADJUSTING PLATE (ECONOMIZER) FOR 2 ML					35
	TEMPERATURE CONTROL E 5 H2-Y6- CA 213 X- 02 - X526					6
	THERMAL COUPLE 1/4 F1 X 31067.04 213X-04-3106					10
	ROD 30 (437) FOR BOTTOM OPENING ASSEMBLY					50
	SCREW 30 (439) FOR BOTTOM OPENING ASSEMBLY					50
	SCREW 30 (451) FOR BOTTOM OPENING ASSEMBLY					50
02-10-00950	1) UV-VIS spectrophotometer. With Hardware					QTY. 5
	A: Specification					
	Wave length range					190-1100 nm
	Spectral band					2 nm

	Wave length display	Readable to 0.1 nm		
	Wave length setting	0.1 nm increments (1nm increments for wave length slewing)		
		+ 0.3 nm (Automatic wave length correction)		
	Wave length accuracy	--		
		+ 0.1 nm		
	Wave length repeatability	-		
	Wave length slew rate	About 6000 nm / min		
	Wave length speed scanning	About 3200 nm / min . to about 160nm / min		
	Date bunching interval	Automatic selection of 2,1, 0.5,0.2,0.1 nm		
	Lamp interchange wave length	295 ~ 364 nm (340 – 8 nm)		
	Stray light	Less than 0.05 % (at 220 nm and 340 nm)		
	Photo metric system	Double beam optics		
		Absorbance : 0.5 ~ 3.999 Abs		
	Photo metric range	Transmittance : 0.0- 300 %		
		+ 0.004 Abs . at 1 Abs (Tested with NIST 930 D		
		- filter)		
	Photo metric Accuracy	+ 0.002 Abs . at 0.5 Abs		
		+ 0.002 Abs . at 1 Abs		
	Photo metric reproducibility	+ 0.001 Abs . at 0.5 Abs		
		Less than + 0.001 Abs / hour		
	Baseline stability	-		
		+ 0.002 Abs		
	Baseline flatness	-		
	Baseline correction	Auto matic with computer memory in two stages of coarse and fine		
	Light source	50 w halogen lamp (2000 hrs life) and deuterium lamp		
	Mono chromator	Aberration corrected concave blazed holographic grating		
	Detector	Silicon photo diode		
	power requirements	100,120,220,240,VAC,50/60 Hz,160 VA		
	B) Accessories			
		1-color plotter		
		2-screen copy printer		

		3-Recorder		
02-10-00951	3)High Performance Liquid Chromatograph (HPLC)		QTY 10	
	? LC Micro – volume plunger solvent delivery unit for semi – micro LC			
	? UV-VIS detector 190-600 nm / 900 nm			
	? System controller			
	? Refractive index detector			
	? Dual plunger solvent delivery unit for routine use			
	? Photodiode array detector 190-800 nm			
	? Auto – injector			
	? Spector Fluormetric detector			
	? Column oven from (ambient + 10 c0) – 80 c0			
	From (ambient – 10 c0)- 80 c0			
	? Column oven from (ambient – 15 c0)- 80 c0			
	? Reservoir Tray			
	? Conductivity detector			
	? On-line degasser with 2 or 4 channel			
	? Low pressure gradient unit			
	? Series valves			
	- Reservoir selection			
	- Flow channel selection			
	- Column Switching			
	- Reservoir selection with rinsing pump			
	? Electro chemical detector			
	? Work station system			
	? Auto sampler			
	B) Accessories :-			
	1- All its accessories and columns			
	2- Recorder			
	4-Capillary Gas Chromatograph		QTY 4	
02-10-00952	Column oven :-1- inner volume	280wx 280 hx184Dmm , 14.4 liters		
	2- temperature range	(Ambient +4C) ~ 450 C (1C Increment Setting) - 90C ~ 450 C with optional cryogenic work attachment		

		+ 1% of the set temp in Kelvin unit (temp. calibration in 0.01 C increments)		
		Less than 2 C along a200mm di.circle		
	3- Temperature accuracy	0.01C /C		
	4-Temperature non uniformity			
	5-Temperature variation coefficient	Double protection one freely set below 450C and the other fixed at 470C		
	6-over heat protection	5 (cooling step is needed)~steps		
	7-number			
	8- programming rate setting :			
	n 1000/min in /c/min-steps			
	Injection port : 1-three independently temp.	Controlled injector units are needed		
	2-Temperature range	~450 C (1C increment setting)		
	3-injection port unit	split /splitless injection unit as standard .direct injection unit . on column/		
		PTVC/ programmable temperature vaporizer) injection unit		
		Double protection ..one freely set below 450C and the other fixed at 470 C		
	4-over heat protection			
	Auxiliary heated zones	One temperature controlled heated zone ,besides those for injection		
		ports and detectors four temperatures controlled heated zones		
	Flow control unit : 1-Advanced flow controller (AFC)			
	*Split /Split Less Mod			
	*Direct injection mode			
	? High pressure high-flow rate AFC			
	2-Manual flow controller			

	(CFC)			
	*Equipped with primary pressure controller and secondary pressure controller			
	3-Advanced pressure controller (APC)			
	Detector :			
	1-FID detector			
	2-TCD detector			
	3-ECD detector			
	4-FPD detector			
	5- FTD or NPD or TSD Detector			
	Display :- 1- Bakelite LCD , 16 Characters 2 Lines	Temp . items , pressures , and other parameters		
	2- Display items :-			
	Power requirements :	100,115,220,230 or 240 VAC,50/60Hz 1800 VA		
	B- Accessories			
	1- Work station system with Recorder (PC work station for G.C)			
	2- Pyrolyzer			
	3- Packed column inert inorganic gas analysis system			
	4- Auto injector and auto Sampler			
	5- Head space sampler			
	6- 20 different Types of columns			
	5- Potentiometric Titrator		QTY 4	
02-10-00953	Compact titrator for dynamic and monotonic titrations with automatic equivalence point determination as well as magnetic stirrer , printer , sample changer end point titration . and PK value determinations with electrodes , titration stand ,			
	B) Accessories :-			
	All its Accessories			
	7-PH- Meter . or PH/Ion –Meter		QTY 10	
02-10-00954	A) Specifications			
	Range	-1.999 to + 19.999 PH		

		-1999.9m V to +1999.9 mv		
		0.001to 199999 ppm		
		- 9.9 to 120C		
	Resolution	0.01 PH and 0.001 PH		
		0.1 Mv		
		0.01 /0.01 and 0.1 ppm		
		0.1 C		
	Accuracy	+ 0.002 PH		
		+ 0.1mv (+799.9), +		
		0.2mv		
		+ 0.5% (fs) ppm		
		+ 0.5 C		
	Temp.compen staion	Auto or manual from -9.9 to 120 C – All meters		
	Calibration	1 or 2 point calibration with 6 memorised PH buffers and		
		5 memonsed Ion buffers values		
	Calibration storage GLP	EPROM storge of calibration data and data – All meters		
	Power supply	50-60H2 –12 volt power adaptor supplied		
	Out put	Rs232 Serial interface		
	Memory	8000 samples		
	B) Accessories			
	1) BNC refillable glass bodied PH electrode			
	2) RS 232 Comms lead and software	(9 pin female to 9 pin male)		
	3) RS 232 comms lead and soft ware	(25 pin female to 25 pin male)		
	8- Chloride Meters (Clinical and Industrial models)		QTY 4	
02-10-00955	1- Range		10 to 999 mg / l	cl

	2- Reproducibility		+ 3 mg / liter
	3- Linearity		+ 3 mg / liter or + 1% (which is greater) over the total range
	4- Sample volum ,ml		500
	5- Power Supply		110 – 120 v and 230 v,50 –60 Hz 12w
	B) Accessories		
	1- 200 mg /L standard		
	2- silver anodes pack of 3		
	3- silver electrodes ,one cathode and two electrodes		
	4- vial of electrode polish		
	5- Acid buffer 500 ml		
	6- Gelatin ,30ml		
	7- Stirrer bars , pack of 10		
	9-Conductivity Meter		QTY 4
02-10-00956			
	1- Display ranges (with cell k=1.0		4 digit LCD
	MS 0- 199.9		
	0-19.9		
	MS 0- 1999		
	0- 199.9		
	CO - 50 TO + 150.0C0		
	2- Temperature compensation , c0		Automatic or manual (0-70)
	3- Freez display option		Yes
	4- Temp . coefficient		0 to +5 .00 (x 0.1) % / C0
	5- Cell constant		0.05 – 19.99
	6- Accuracy (electrical)		< 0.5 %
	7-Out put		Rs 232
	8- Temp . probe		TPA 100 platinum resitance . user correction
	–		up to + 2.0 c0
	9- Electrical supply		
	B – Accessories		
	10-Melting Point apparatus with CCTV Cmer a kit		QTY 3
02-10-00957			
	1- Temprature range c0	Not less than 400 c	
	2- Resolution c	0.1	
	3- Measuring accuracy	Up to 100c +- 0.3 c	
		Up to 250c +- 0.5c	
		Up to 400c +- 0.8c	
	4- heating ramp rates selectable	0.1/0.2/0.5/1/2/3/5/10/20	c / min

	5- Heating times 50c to 350 c		#NAME?	
	6-Cooling time 350 c to 50c	10 min approx		
	7- Data out put	Rs 232 c		
	8- power supply	220 v , 50-60Hz , 200 W		
	20-Coulter Counter (Partical analysis system)		QTY 2	
02-10-00958	* Direct read out of paricle size			
	* Total count of large partical with repact of size given			
	* Printer woeking range with respect partical for 2 – 25			
	* Thrie shdel :	0- 99.9 0 division		
	*Timer range	10ms –655sec		
	21) Viscometer		QTY 5	
02-10-00959	? Stirring motor and paddle			
	? Turntable control			
	? Boost heaters			
	Variable autogransformer			
	B) Accessories			
	? conctoct thermometer	10- 100C		
	? Colling Coil			
	? Cover For Turn table			
	? Stope Watch			
	22) Dissolved Oxygen meter		QTY 24	
02-10-00960	D02 range	0 to 1.99 %		
	Resolution	1%		
	Accuracy	- 2% 10C Of calibration temp		
	Temp.	- 10 to + 60 C		
	Resolution	0.1 C		
	Accuracy	+ - 0.5 C		
	23) Stoinless steel filtration		QTY 10	
02-10-00961	With lid funnel capacity 500 ml base clamp, filter diameter			
	50 mm and manifold PTFE ,Gasket Silicon sealing ring in /id			
	24) Masses for General		QTY 2 SET	
02-10-00962	* General purpose with aluminium fraction			

	* Range of mass		
	* In wooden box	0.1 mg .. 100gm	
02-10-00963	25) Tape Ahesive Indicator 3M :- Auto clve color change sterilization tape with steam sensitive ink in 55m rolls color changes from white to dark brown, on 20 min . exposure at 121 C		QTY 250 ROLLS
02-10-00964	27) Pyrogen tester Specifications Digital temp .monitor for pyrogen test , with prob type rectal temp of rabbet or another animal with PC system		QTY 5
02-10-00965	28) Analytical Balance: * Capacity(g) * Readability (g) * Weighing mods * Repeatability (st.dev)(g) — linearity (g) (+) : *Tar rang *Stablization line *sensitivity drift(10-30C) * Opreating temp *Calibration * Display (cm) * Power supply * Platform size (cm) B) Accessories All needed accessories	400 0.0001 g,lb,oz,ib,oz,ct,dwt,tables(3),ozt,gn,mommes 0.007/0.001 0.01 / 0.002 full capacity by subtraction 2.5 Sec 10ppm /C0 500 to 104 F0/100 to 50C0 External Digital calibration LCD (1.5 high) Ac adapter ; 100,120,220,240, Vac,50/60 Hz 12.2 dia	QTY 30
02-10-00966	29) Electronic Balance		QTY 10

	* Capacity (g)	4000	
	* Reacdability (g)	0.1	
	* Weighing modes	G,ib,oz,ibioz,ct,dwt,tales(3),ozt,gn,mommes	
	* Repeatability (st.dev)(g)	0.07	
	* Linearity (g) +	0.1	
	* Tar range	Full capacity by subtraction	
	* stablization line	2.5 sec	
	* sensitivity drift (10-30C)	10ppm/C	
	* Operating temp	500 to 104 F0/100 to 50 C0	
	* Calibration	External digital calibration	
	* Display (cm)	LCD (1.5 high)	
	* Power supply	AC adopter ;100,120,220,240,Vac,50/60Hz	
	* Plat form size (cm)	12.2dia	
	32) disintegration Testers		QTY 10
02-10-00967	*Four test station units		
	*Independent motor controlled by separate electronic timers thus allowing each test solution to be operated independently from the others		
	a stroke 55 mm (+- 1mm)the drive of each unit is generated by a motor operating at fixed speed of 30 strokes per minute (+-1 stroke per minute)		
	*each individual test soln has a motor drive unit fitted with		
	*Each test station has its own touch . sensitive keyboard		
	*Each test station provided with an individual .LCD – display An darm can be pre-set to sound at the end of the test.		
	*the bascket rack assembly is automatically removed from the test media.		
	*the disinintegration bascket rack assembly can be removed by a quick release coupling within secondes.		
	*A Reset must be available to allowing the total test ran time for the previous test to be recalled if required.		
	*the Plexiglas water bath is equipped with aremovable cover to facilliate easy cleanning .		
	*The temp of the warming soln. Is controlled by means of aproportionally		
	regulated circulation thermostat having an accuracy of + 0.5 C0		
	*Immersion thermometer for the monitoring the temp of warming soln		

02-10-00968	33- Automatic Tablet Friability / Abrasion tester system		QTY 10
	? Automatic loading /removing of samples unit		
	? Automatic calculation and documentation of the test result		
	? Control panel with Digital LCD – display		
	? Analytical balance connected to the system		
	Out - put RS 232 interface to apc ststem		
	34- automatic Dissolution Tester For tablet with six station		QTY 10
02-10-00969	*Automatic calculation and documentation of the tests result		
	*Control panel with digital LCD – display for each station		
	* out –put Rs 232 interface to a PC system		
	Nith all accessorles		
	35- Ultrasonic Baths		QTY 20
02-10-00971	Max .working capacity .litres	25 L	
	Tank dimensions internal (w x d x h) mm	500x200x300	
	Overall dimensions (w x d x h) mm	330x330x520	
	Mass kg	18.5	
	Electrical supply	220 v – 50 Hz	
	Operating Frequency KH z	30-40	
	Power consumption , Ultra sonic , w RMS	800	
	Power consumption , heater , w	600	
	Temp . Range c	30 – 70	
	Out – put Digital LCD – display for all parameter		
	37) Ratavapor : (50 – 3000 ml flasks , 3 glass assemblies A,V,S, water or oil bath , Digital Display , Integrated , Vacuume controller , Automatic dual temp . sensor)		QTY 4
02-10-00972	*Operating voltage :	220 – 240 v 100 – 120 v	
	* Frequency :	50- 60 Hz	
	* Power Consumption :	70 w	
	* Drive :	Stepper motor	
	* Speed of Rotation :	5 – 240 rpm	
	* Measure ment and Regulation range :	1 – 1400 mbar	
	* Weight :	24 – 30 kg	
	* Dimensions (L XH X W) mm	(580-750) X (630-1020)X 510	
	Bath specification	Operating voltage 220-240v , 100-120 v	
	* Frequency	50-60 Hz	
	* Power consumption	1300 w	

	* Regulation range	30-180 c		
	* Regulation precision	+/- 2 c		
	* Bath size	5 L		
	* Flask sizes	50- 3000 ml		
	* Temp display	Digital		
	* weight	5.5 kg		
	* Dimensions (L x H x W)	(290 x 225 x 310)		
	38- Centrifuges variable speed: - (general purpose refrigerated centrifuge, rotor recognition runs a wide choice of rotors 6 LCD display with Rpm / Rcf switch , swing out rotor requires no buckets , CFC refrigeration)		QTY	
			6	
02-10-00973	A- specifications			
	* Type	Variable		
	* Speed rpm	0-1200 (X 100 rpm increments)		
	* Max . RCF , xg	13700		
	* Timers , min	0-90		
	* Brake , adjustable	20- 100 %		
	* programs	10		
	* temp . range , c	- 4 to + 40 C		
	*Dimensions (W x D x H) mm	600 x 490 x 290		
	* Mass kg	37		
	* Electrical supply	230 v , 50-60 Hz		
	B – Accessories			
	Tube Holder	6 x 1.5 ml of 4 tube Holder		
	Tube Holder	12 x 5 ml of 4 tube Holder		
	Tube Holder	3 x 20 ml of 4 tube Holder		
	Tube Holder	7 x 15 ml of 4 tube Holder		
	39) Moisture Tester		QTY 5	
02-10-00974	* Electronic with 5 place digital readout			
	* Readability :	+ 0.01 % or + 0.01 g		
	* 4 Switchable measuring ranges			
	* Sample weight 10 – 50 gm depending on density			
	* Drying temp	+ 20 to 170 c regulable		

	* Can also be used as electronic balance capacity	500 : 0.01 g		
	44) Turbidty Meter , Ratio :		QTY 5	
02-10-00975				
	* Can be used with colored liquids			
	* Confer ms to iso 7027			
	* Ratio and Nephelometric modes			
	* Portable or laboratory use			
	* 50 Position memory on RS232 as standared			
	* Ranges NTU	0.0 – 19.99, 0.0 – 199.9		
	* Calibration: Two point for each range			
	* Reproducibility	% or 2 lest significant digits		
	* Min Sample Volume	20 ml		
	* Response time	3.5 Sc		
	* With date / time display			
	* With low battery warning digit			
	* Weight (kg)		1.2	
	* Power internal , re – chargeable sealed lead acid battery			
	6v. More than 1000 tests between charges Mains			
	220 / 240 v 50 Hz (with float charger supplied)			
	* Light sowerce	860 nm LED		
	* Accuracy	% or 2 least significant digits		
	* Sample cells Diameter	– 25 mm , Max . hight 66 mm		
	* Memory	50 postion		
	* Out put	RS 232 Bi – directional		
	* Dimensions (h x w x d)mm	75x 265x 180		
	B) Accessories			
	1- Primary turbidity standard	5 NTU (120 ml)		
	2- primary turbidity standard	60.0 NTU (120 ml)		
	3- Spare Sample cells	6		
	4- Carry case (for meter and printer)			
	5- Serial printer including cable			
	46- Multi parameter photometers For electronic analysis of water sample		QTY 2	
02-10-00976				
	* For treated drinking water analysis and water quality moritoring			
	* 30 different Pre – programmed test for key water quality parameters			
	* Test methods easily selected by entering aprogramme number			
	? Result to be stored and printed out , including details of the date ,time ,code number and test measurements			
	* chip carel allows instrument upgrade to automatic delay and count down function to incorporate new tests			

Accessories			
Reagents			
Test		Reagent	
1- Alkalinity (- m)		Alka (- m) tablets	
2- Alkalinity (- p)		Alka (- p) tablets	
3- Aluminium		Aluminium tablet No. 1 tablets	
		Aluminium tablet No. 2 tablets	
4- Ammonia		Ammonia No. 1 tablets	
		Ammonia No. 2 tablets	
5- Boron		Boron No. 1 tablets	
		Boron No.2 tablets	
6- Chloride		Chloride T1 tablets	
		Chloride T2 tablets	
7- chlorine		DPD No.1 tablets	
		DPD No.3 tablets	
		DPD No.4 tablets	
8- chlorine		Potassium iodide tablets	
		Acidifying G P tablets	
9- Cyanuric Acid		Cyanuric Acid tablets	
10- Hardness ,total		Hard check .p tablets	
11- Hydrazine		Hydrazine test powder with spoon	
12- Hydrogen peroxide		Hydrogen peroxide LR tablets	
13- Manganese		Manages No .1 tablets	
14- Oxygen (in boilers)		Oxygen ampoule No .2 (30 tests)	
		Adapter for oxygen ampoules .	
15- PH		Phenol red photometer tablets .	
		Brocresol purple photo meter tablets	
		Thymol blue photo meter table	
16- Zinc		Copper – zinc 10 w range tablets	
		Dechlorinating tablets	
17- Reagents for test		EDTA tablets	
Bromine , chlorine Dioxide , Copper , Fluoride , Lodine ,			
Iron ,Molybdate , Nitrate , Nitrite , Ozone , Phosphate ,Sulphate , Sulphide			

	.Sulphite – 0 - ,Potassium , Silica , Sodium Hypochlorite		
	47- COD Reagents and Equipment		QTY 4
02-10-00977	1- COD Tube tester system 2- Multi tube block heater . and digester 3- Thermometer 4- safty screen 5- test tube rack 6- photometer adapter and work place mat 7- COD reagent Mercury Free For mulation (24 test) COD /2000	50-2000 MG/L	
	8- COD reagent formulation containing mercuric sulphate (24 hours) cod /2000	50-2000 MG/L	
	49) Nitrogn determination system		QTY 6
02-10-00978	1) Automatic kjeldahl unit for distillation complete with integral printer , steam generator and titrator 3x10 l tanks, all connection hoses, 1 pair of tongs , sample tube , main cable and operation manual. A) Specification : *steam gerator electronically self leveling for deionised feed from 10 l tank supplied *NO.of storage tanks litres *colling water usage l/ min *display *Sample memory *1/0 periferals * Distillation tube (lxdia) ,mm * Dimensions (l x wx h) mm * Mass (kg) * power supply B) Accessories and spare * standard digestionl distillation vessel * distillation vessel *splash protection vessel for nitroyen determination by	3x10 1 LCD 200 samples RS 232 and ports for printer balance digestion controler 260 x 48 420 x 410 x750 39 220v,50Hz,2100w 300 ml(packof 4) 500 ml for nitrogen	

	devarcla method			
	* Receiving / titration vessel			
	* Rubber seating bung			
	* Rubber bung , special size for tector / gerhardt			
	* Aochptor com holder for tector vessels			
	* PTFE hose			
	* Hose connector Hypulon			
	* sher indecator 100 ml			
	2) Programmable control unit of time and out put steps , two digestion units controlled simultaneously, serial interface for PC and data ban k with accessories			
	3) Digestion unit supplied complete with 12 digestion / distillation vessels , 2 fames exhaust manifolds,2 digestion vessel holders and 2 rocks for 6 digestion tubes each, equipped for opration withprogrammable controller , with all its accessories			
	4) Fume Scruber supplied complete with power cable , 2 activated charcoal filters , 10 porticle filters and viton tubing with all its accessories			
	50) Water Distillation Apparatus :			
				QTY 20
02-10-00979				
	* Supply voltage	220 v		
	* Fuse required	10:00 AM		
	* Distillation rate	2.5 l / h		
	* Cooling water			
	* Consumption	60 l / h		
	? Demonisms (w x h x d) mm dimensions	420 x 510 x 230 mm		
	* Length of hose cable	ApproX . 1.5 m		
	* Weight	12 kg		
	B) Accessories			
	Water control valve with screw cap thread	1/2		
	Water control valves with screw cap	3/8 and 3/4		
	51) Autoclave :			
				QTY 10
02-10-00980				
	* Compact space saving design			
	* Minimal installation			

	* Secure TM controller with memory			
	* Bs 2646 Compliant			
	* Single and eight program versions			
	* Fast cooling as standard			
	* Top or front loading model			
	* Single phase power equipment			
	* Hold warm media warming system			
	* Timed free steaming			
	* Swift lock TM single action controller			
	* Lloyds design approval			
	*chamber Dimensions (dia.xdepth) mm			
	Top loading (347 x 494), Front loading 347 x 556			
	* overall dimensions (w x d x h) mm Front loading 530 x 750 x 1154) Front loading 600 x 750 x 1689 .			
	* Electrical supply top loading 220 v , 50 Hz ,3 KW Front loading .220 v , 50 Hz , 3 kw			
	* Mass (kg) Top loading and front loading 100 , 146			
	* Capacity		50 L OF EACH TYPE	
	* Pressure range		0-2 Bar	
	B- Accessories : 1- 2 shelf pack with 2 shlves & frame (front loading)			
	1- 5 shelf pack with 3 shelves & frame (front – loading)			
	2- shelf spare for 5 shelf pack (front loading) .			
	3- discard box (front – loading)			
	4- spare condensate			
	5- internal load support plate (top loading)			
	6- half depth stainless steel basket (top – loading)			
	7- half depth morris discard containcer (top – loading) .			
	8- spare condensate			
	9- internal load support plate (top loading)			
	10- half depth stainless steel basket (top – loading)			
	11- half depth morris discard containcer (top – loading			
	52) Pumps , diaphragm type 100 % oil free for vacuum and pressure			
02-10-00981			QTY 4	
	* flowrate , l/min-1	34		
	* vacuume mbar	8		
	* Dim-(wxdxn) mm	334x370x221		
	* Electrical supply	220v,50Hz		
	B) ACCESSORIES			
	* Inlet trop			
	* condensor			
	* vacuume controller			
	* double vacuume controller			

			QTY 4	
	53) Incubator – programmable cooled			
02-10-00982				
	* effective capacity	30 l		
	* Extreior finish	Backed acrylic finish on galvanized steel		
	* interior finish	Stainless steel		
	* door	Backed acrylic finish on galv .steel triple glazeed .window lockable with seperate light shield		
	* NO.ofshelves	5		
	* shelves	Poly ethy lene coated steel wire , adjustable.		
	* cooling and heating system forced circulation			
	* compressor	Hermatic type , single phase		
	* out-put ,w	300		
	* Evaporator	Fin and tupe , forced circulation		
	* condenser type	Wire and tube (natural air cooling forced air cooling)		
	* Defrosting system	Manual start automatic finish , natural vaporization of drain water		
	* Heater(cord heater type) w	218		
	* tempreature display	Digital with setting lock , digital indication system . microcomputer pid		
		temp .s control / (when compressor oprates , ON -OFF control		
	* temp , sensor	(thermistor)		
	* Electrical supply	220v ,50 H2 , single phase		
	* Fluorescent lamp	15wx1		
	* Accessorice supplied	5 shelves , 1 set keys , light shielding plate		
	* pawer consumption	292/290 w		
	*typical parfomance			

	1) temp range	-10 C to +50 C		
	2) temp fluctation	+0.2 c at heater PID control (Temp		
	3) temp variation	.setting 50 c,ambient 20c no load) + 1 C at compressor ON-OFF, comp.setting 5c ,amb.20c no load)		
		+ 0.5C (setting temp 37C,ambient 20C no load)		
	54) CO2 , Incubator		QTY 2	
02-10-00983	* Microprocessor – controlled soft – touch operating panel			
	* Digital displays for temp and co2 level / control with auto zero function			
	* Auto – start			
	* Error analysis (i – function) and service checks via the key coded switch			
	* Independent- electronic over – temp . protection :	temp . protection : temp limit controllrr with saprdte pt 100		
	* Encapsulated measuring cell with HEPA filter			
	* Capacity 60 liter			
	* Optimum O2 level control through automatic calibrator by an oxygen electrode (autocal)			
	* Cytolink for acquiring data and monitoring all the relevant parameters of up to ten incubators Via PC with an RS232 inter face and connected Via adata buse line			
	* Gas bottle monitor connectes tow gas bottels to the CO2 incubator in case of adrop in pressure , the system automatically switches from the first bottle to the second			
	*One - Piece Shelves			
	^ NO.perincubator , standared/ max			
	^ Dimesions (wxd) mm		409x340	
	*temp .control cdigitad	ent at least 7 C above room temp +-0.4 +-0.1		
	^ temp ronge C : -			
	^ temp devication (spatial) DIN 58945C			
	^ temp.deviation (time) , DIN 58945			
	* Humidity: Relative Humidity %	> 95		

	*gas control : CO2 control with digital controller	Auto –zero CO2		
	setting range , % CO2	0-20		
	O2 control with digital controller	Auto –cal.O2		
	N2 supply range , % O2	Mar-21		
	O2 supply range , % O2	21- 80		
	* Mass Kg	60		
	* Electrical supply	220v,50-60Hz		
	* Connected load (rated power , Kw)	0.55		
	* NO.- load consumption at 37C , w/n	60		
	B) Accessories : All its accessories			
			QTY 6	
	55) Zone Reader			
02-10-00984	For Antibiotics Assay			
	57) penetrometer with setomatic controller		QTY 5	
02-10-00985				
	*time setting control and display are all digital and range from 1 to 9999sec			
	*Results given in mm of penetration or in pin units			
	*An RS232C interface is provided for connecting to the user own computer			
	*the penetrometer has a machined cast aluminium base with inset spirit level , vertical pillar with geared two speed raising and lowering mechanism for the counter balanced head and automatic plunger release and retention			
	An optional contact sensing plunger allows accurate positioning of the penetrator tip when testing wax or bitumen sample .			
	*supplied complete with 47.5 gm standard plunger ,50g and 100gplunger weights.			
	*Electrical Requirements	110/120v and 220/240v,50 60 Hz 40 W 590x300x330 mm		
	*Power	12.5 kg		
	*Dimensions (wxhxd)			
	*weight			
	B) Accessories			

	1) 1)contact sensing plunger			
	2) water bath temp controller rang 0 to 99.9c with digital temp setting and display			
	3) stainless steel lid for bath			
			QTY 10	
	58- Density meters portable: -			
02-10-00986		Description		
		For chemical oil and petroleum , products, beverages, sugar solutions,		
	A: Application	flavors pharmaceuticals, cosmetics, deergerts, activator, foods, fatsard oils, milk and dairy products.		
	B:Specifications			
	Measurement	Natural oscillation		
	Range g/cm3	0-2		
	Resolution g/cm 3	0.0005		
		—		
	Accuracy g/cm3	0.001		
	Temp measurement			
	Range Co o	(0-40 (32 – 104 F)		
	Resolution C	0 . 1		
		—		
	Accuracy C	0.5		
	Temp compensation	Programmable		
	Environmental temp . C	0-50 (32 – 122 F)		
	Display	Density ,specific gravity, backit LCD display		
	Variable units	Density :g/cm3,lb/gal		
		Temp Co or F selection .		
		Specific gravity No unit		
		Automatic : pure water table stored.		
	Calibration			
	Data memory	99 results		
	Data out-put	To an external printer or computer by RS-232C		
	Power source	4 x 1.5 V battery.		
	Dimensions(w x d x h) mm	300 x 125 x 40		

	Mass. G	Approx. 550		
	59- Sieve shaker electromagnetic analyzer:-(programmable sieve shaker with digital display)			
02-10-00987		Description	QTY 6	
	A:Specifications-			
	Max load , kg	2		
	Max number of sieves	10 x50 mm high 200 mm or 8 diameter sieves phase pan or 2 smaller nests totaling 9 sieves and 2 pans		
	Amplitude range mm	Automatic control and regulation form 0.1 to 3		
	Sieving time ,min	0-99		
	Interval pause time sec	0-99		
	Memory	9 setting (amplitude , sieving time , internal pause)		
	Interface	RS232 fitted as standard		
	Dimensions (w x d x h) mm	345 X 395 X190		
	Electrical supply	120 –100 v,230v,1-phase 50-60hz , 115w		
	Mass kg	25		
	B: Accessories	For drying sieving and wet sieving		
02-10-00988	60-Gas generator (Zero Air Generators): -		QTY 4	
	A: specifications:-	Description		
	Impurities	Total hydrocarbon < 0.1 PPM		
	Max flow rate	1000 ml/min		
	Inlet/outlet pressure range	0 to 8.5 bar. G		
	Outlet connection	1/8 compression		
	Inlet air requirement	< 200 PPM total hydrocarbons		
	Electrical supply	220 v,50hz		
	B:Replacement part			
	1) Inlet filter			
	2) Outlet filter			
	3)Activated charcoal inlet filter (with 1/8 compression fittings)			
			QTY 4	
	61-Nitrogen gas generator: -			

02-10-00989		Description	
	A: Specification		
	Impurities	Moisture < 0.5 PPM Oxygen < 0.5 PPM Halocarbons < 0.002 PPM Hydrocarbons < 0.002 PPM	
	Inlet / outlet pressure range	4 to 6.8 bar. G	
	Out let connections	¼ NPT female	
	Inlet air r equirement	Moisture < 200 PPM Hydrocarbons < 1.0 PPM Particles < 5 microns	
	Dimensions (w x d x h) mm	337x337x787	
	Mass kg	23	
	Max flow rate	1000 ml/min	
	B: Replacement parts	Outlet purifier	
	C: spare parts	Inlet/outlet isolation valve	
			QTY 4
	62-Hydrogen Gas generator		
02-10-00990		Description	
	Specifications		
	Mass leak /		
	Leccess flow detection		
	Poor water		
	Low water detection to prolong cell life time		
	Max flow rate	250 ml/min	
	Impurities	Oxygen < 1 PPM Moisture < 1 PPM Hydrocarbons < 0.001 PPM	
	Outlet pressure	0 to 8 bar. G	
	Out let connections	1/8 compression	
	Water	ohm/cm , resistivity , capacity 4 LS .	
	Dimensions (w x d x h) mm	333x359x378	
	Mass kg	18	
	Electrical supply	220v,50hz	
			QTY 20
	63-shaker (constant temp shaker) with constant temp champer		
02-10-00991		Description	
	A: Specifications		

	Temp range Co			
	Temp sensor	Pt 100		
	Control accuracy	1% of set value		
	Lighting	Standard light lamp 15w UV lamp 15w		
	Air circulation m3/h	240		
	Inner dimensions (w x d x h)mm	660x540x430		
	B: Accessories			
	1) Clamping strip			
	2) Cooling coil	For TH30 for connection of an external cooling device		
	64-Tablets hardness tester		QTY 10	
02-10-00992	Digital model with printer			
	65-Platinum crucible			
	Capacity			
02-10-00993	25 ml		QTY 10	
02-10-00994	50 ml		QTY 10	
02-10-00995	(Thermolog S steam sterilization indicator		QTY 1000	
02-10-00996	-SoudogAz T 206 butane 190 –g		QTY 100 PACK	
	67- Precision steel micro meter gauge			
02-10-00997	Scaled 0 to 25x 0.01 mm with hardened and ground micrometer screw thimble with ratchet and lever lock , and heat-resisting frame cover. In case , complete with setting key .		QTY - 10	
02-10-00998	68 – Hydroxy propyl cellulse determination With all its chemicals		QTY -2	
	69- Ethyl cellulse determination With all its chemicals		QTY - 2	
02-10-00999				
			QTY	
02-10-01000	Karl fisher reagent methanol free	lit	200	
02-10-01001	Chloroform	lit	2000	
02-10-01002	Chloroform for HPLC	lit	1000	
02-10-01003	Methanol	lit	2000	
02-10-01004	Methanol for HPLC	lit	2000	

02-10-01005	Acetic acid anhydride A.R for HPLC	lit	1000	
02-10-01006	Acetonitrile for HPLC	lit	1000	
02-10-01007	Nitrobenzaldehyde	lit	30	
02-10-01008	Disodium tetraborate	kg	2	
02-10-01009	Aminopyrazolone	gm	500	
02-10-01010	Lead perchlorate	kg	1	
02-10-01011	Trichloro ethylene	lit	50	
02-10-01012	Phenyl hydrazine HCL	kg	1	
02-10-01013	Ammonium sulphamate	kg	2	
02-10-01014	Nickel aluminum alloy	kg	2	
02-10-01015	Mercuric thiocyanate solution	lit	10	
02-10-01016	Methyl paraben	kg	1	
02-10-01017	Dioxan	lit	25	
02-10-01018	Boron trifluoride solution	lit	25	
02-10-01019	Dimethyl sulfoxide	lit	25	
02-10-01020	O – toluidine	lit	25	
02-10-01021	Trinitrophenol	kg	1	
02-10-01022	Piperizine hydrate	kg	1	
02-10-01023	Sodium nitro ferric cyanide	kg	1	
02-10-01024	Phenyl isocyanate	lit	25	
02-10-01025	Potassium biphthalate 0.05 M solution	Amp	20	
02-10-01026	Potassium tetra oxalate standardizing buffers 0.05 M	Amp	20	
02-10-01028	Quinalizarin	gm	500	
02-10-01029	Silica gel GF 254	kg	50	
02-10-01030	Silica gel pre coated plate for TLC GF254	set	50	
02-10-01031	Mono methyl ether	lit	5	
02-10-01032	Ethyl methyl ketone	lit	5	
02-10-01033	Metalic selenium	gm	500	
02-10-01034	2,3- diamino naphthaline	gm	500	
02-10-01035	1- octane sulfonate acetonitrile	lit	5	
02-10-01036	Methyl benzoate	kg	1	
02-10-01037	Dimethyl tetra decylamine	lit	5	
02-10-01038	Sodium fluoride	kg	1	
02-10-01039	Alizarin S	gm	500	
02-10-01040	Zirconyl nitrate	lit	5	
02-10-01041	4- aminophenazone	gm	500	
02-10-01042	2,6- dichloroquinone chlorimide	gm	500	
02-10-01043	4-tert-butyl phenol	lit	5	
02-10-01044	4-Dimethyl amino cinnamaldehyde solution	lit	5	
02-10-01045	8-Chloro-8-hydroxy quinoline	gm	500	
02-10-01046	5,7-Dichloro –8-hydroxy quinoline	gm	500	
02-10-01047	5,7-Di iodo –8- hydroxy quinoline	gm	500	
02-10-01048	Naphthylelene diamine dihydro chloride	kg	1	
02-10-01049	1,1,1-Trichloro ethane	lit	5	

02-10-01050	Squalan	gm	500	
02-10-01051	Butyl hydroxy toluene	lit	5	
02-10-01052	Antimony trichloride	gm	500	
02-10-01053	3-Amino propionic acid	gm	500	
02-10-01054	Bronyl acetate	kg	1	
02-10-01055	Olive oil	lit	5	
02-10-01056	Carvon	lit	5	
02-10-01057	Methyl acetate	lit	5	
02-10-01058	Methyl green-iodo mercurate paper	strip	500	
02-10-01059	Tetra hydro furan	lit	5	
02-10-01060	Whatman no. 1 ps	box	100	
02-10-01061	Imidazol	kg	25	
02-10-01062	Cinnamic aldehyde	gm	500	
02-10-01063	Eugenol	gm	500	
02-10-01064	4- methyl-2- pentanone	lit	5	
02-10-01065	Methyl isobutyl ketone	lit	5	
02-10-01066	Ferrous sulfate dried	gm	500	
02-10-01067	4- methyl pentane -2- one	lit	5	
02-10-01068	Chromium trioxide	gm	500	
02-10-01069	Naphthylamine	lit	5	
02-10-01070	Dimethyl amino naphthalene sulfonyl	lit	5	
02-10-01071	Terteiary butyl alcohol	lit	5	
02-10-01072	Ammonium reineckate	gm	500	
02-10-01073	Bromophosethyl	lit	5	
02-10-01074	Methyl decanoate	gm	500	
02-10-01075	2.6- Dimethyl aniline	lit	5	
02-10-01076	Silicon oil	lit	5	
02-10-01077	Hydro iodic acid	lit	5	
02-10-01078	Sodium 1- heptene sulphonate solution 0.005 M	lit	5	
02-10-01079	Amino nitro benzophenone	kg	1	
02-10-01080	Anisaldehyde	lit	1	
02-10-01081	Di isopropyl ether	lit	5	
02-10-01082	Naphthaline	gm	500	
02-10-01083	Trimethyl heptane	lit	5	
02-10-01084	Iso octane	lit	5	
02-10-01085	Methyl sulfoxide	lit	5	
02-10-01086	Thorium nitrate	gm	500	
02-10-01087	1,5-Diphenyl carbazone	gm	500	
02-10-01088	Thymol phthaline	gm	500	
02-10-01089	P-Nitro benzen diazoniam tetra fluoro borate	gm	500	
02-10-01090	Cerric ammonium nitrate	kg	5	
02-10-01091	Diethylene glycol	lit	5	
02-10-01092	Diphenyl ether	lit	5	
02-10-01093	Nicotinamide dinucleotide	gm	500	

02-10-01094	Standard solution of salicylaldazine	lit	5	
02-10-01095	Dimethyl amino benzaldehyde	lit	5	
02-10-01096	Dipotassium sulphate	kg	1	
02-10-01097	Methylene chloride	lit	5	
02-10-01098	Sodium bismuthate	gm	500	
02-10-01099	Tetra butyl ammonium dihydrogen phosphate	kg	2	
02-10-01100	Dichloroquinone chlorimide	kg	2	
02-10-01101	Dodecyl sodium sulphate	kg	5	
02-10-01102	Sodium 1- hexane sulphonate	kg	2	
02-10-01103	Methyl laurate	Kg	2	
02-10-01104	4- amino phenol	gm	500	
02-10-01105	2.7 – dihydroxy naphthaline	gm	500	
02-10-01106	Thioglycolic acid	lit	5	
02-10-01107	Dichloro acetic acid	lit	10	
02-10-01108	Lead nitrate vs 0.1 M	amp	50	
02-10-01109	Dimidium sulpham – blue	lit	10	
02-10-01110	Benzethonium chloride VS 0.004 M	amp	10	
02-10-01111	20-30 mesh zinc powder	kg	25	
02-10-01112	Malic acid	gm	500	
02-10-01113	Antimony trichloride	gm	500	
02-10-01114	Lanthanum chloride	kg	1	
02-10-01115	Lithium metaborate	kg	1	
02-10-01116	Chloroaniline	lit	5	
02-10-01117	Sodium octane sulphonate	kg	1	
02-10-01118	1- ethyl quinnaldinium iodide	kg	1	
02-10-01119	Mono ethanol amine solution 0.1 M	lit	10	
02-10-01120	Acetic acid glacial pure	lit	200	
02-10-01121	Ferric ammonium sulphate	kg	10	
02-10-01122	Ammonium thiocyanate solution 0.1 N	Amp	50	
02-10-01123	Antifom (silicon)	lit	5	
02-10-01124	Amino pyrozol -4- carboxy hemisulfate	kg	1	
02-10-01125	Bromine solution 0.1 N	Amp	25	
02-10-01126	Brillant yellow	gm	500	
02-10-01127	4.4- bis (4- amino –1- naphthyl 2,2 – stibene disulphonic acid)	gm	500	
02-10-01128	Dimethyl formide	lit	50	
02-10-01129	Dicyano diamide	kg	1	
02-10-01130	Catecol violet	gm	500	
02-10-01131	EDTA solution 0.1 M	Amp	100	
02-10-01132	EDTA disodium salt powder	kg	10	
02-10-01133	Ethanol absolut	lit	100	
02-10-01134	Formmide pure	lit	10	
02-10-01135	Hydro chloric acid coneentrated pure	lit	200	
02-10-01136	Hydro chloric acid solution 0.1 N	Amp	100	

02-10-01137	Hydro chloric acid solution .1 N	Amp	100	
02-10-01138	Sulfuric acid conentrated pure	lit	25	
02-10-01139	Sulfuric acid solution 0.1 M	Amp	100	
02-10-01140	Sulfuric acid solution 0.5 M	Amp	100	
02-10-01141	Sulfuric acid solution 1 M	Amp	100	
02-10-01142	Sodium hydroxide solution 1M	Amp	100	
02-10-01143	Sodium hydroxide solution 0.5M	Amp	100	
02-10-01144	Sodium hydroxide solution 0.1M	Amp	100	
02-10-01145	Potassium hydroxide solution 1M	Amp	100	
02-10-01146	Potassium hydroxide solution 0.5M	Amp	100	
02-10-01147	Potassium hydroxide solution 0.1M	Amp	100	
02-10-01148	Hydroxy naphtol blue	kg	1	
02-10-01149	N-Hexane for HPLC	lit	25	
02-10-01150	Mercuric acetate pure	kg	2	
02-10-01151	Mercuric sulphate pure	kg	2	
02-10-01152	2-Methyl-5-nitro imidazol	kg	1	
02-10-01153	O-cresol (methyl phenol)	kg	1	
02-10-01154	Formic acid anhydrous	lit	5	
02-10-01155	4-Amino-4-car boxamide pyrozol	kg	1	
02-10-01156	Pyruvic acid	kg	1	
02-10-01157	Sodium thiosulphate pure	kg	5	
02-10-01158	Sodium thiosulphate 0.1N solution	Amp	100	
02-10-01159	Triethanol amine	lit	5	
02-10-01160	Salicyl aldehyde	kg	2	
02-10-01161	Xylene	lit	25	
02-10-01162	Ammonia solution concentraed A.R	lit	50	
02-10-01163	Ethyl acetate pure	lit	50	
02-10-01164	Hexamin	kg	10	
02-10-01165	Iodine solution 0.1N	Amp	100	
02-10-01166	Mercuric nitrate pure	kg	2	
02-10-01167	Mercury II thiocynate	gm	500	
02-10-01168	Paper electrophoresis	Roll	20	
02-10-01169	Platinum chloride	gm	250	
02-10-01170	Silica gel HF254 pre coated plates for TLC	set	20	
02-10-01171	Silica gel H pre coated plates for TLC	set	20	
02-10-01172	Tetra heptyle ammonium bromide	kg	10	
02-10-01173	Ammonium pyroliden dithio carbamate or ammonium tetra methylene thin carb	gm	250	
02-10-01174	Methyl iso butyl keton or	mg	250	
02-10-01175	Vial filling line			1 LINE
	sterilizing , filling sterile powder in vial round			
	shape diameter size 23 + 0.4mm height			
	46.8 +0.5 mm capacity 250			
	vial with labeling machine the line composed of			

	1- vial washing machine capacity 250 vial /min consist			
	multi stage of wshing by cleionised water and air			
	recyclid water lank in thermoregulted up to 70C0			
	ultra sonic bath			
	2- strile tannel capacity 250 vial /min composed of			
	intet heating zone			
	sterlizing zone temp. not less than 350C0 with control arl recorder			
	colling zone			
	complet set of heppa flttr off 99.999%			
	any recomented optional			
	PLC control			
	3- vial filling and stopperin machine compsed of			
	rotary turn table			
	falling head (not auger type) dosage weight of powder from 120 mg to 10 gm			
	accaricy + 5 %			
	stoppering head complutily automatic operation			
	turn table			
	vaccum cleaner on filling head			
	any rucomended optinol			
	PLC control			
	LAMINER FLOW CABINET AND ON FILLING ACID STOPPERING MACHINE			
	price for extra set of filter for lamiuer flow and filling filter with its specifications			
	any extra chang parts it machine needed with price			
	4- vial capping machine clinching type its capacity must be variable up to 300 vial / mon included			
	rotary turn table head			
	any recomented optional			
	PLC control			
	5- Automatic set adhesive labelling machine capacity 250 vial / min with pritnig device with the machine			
	set of disito pr Man. Exp. Date			
	any recomented optional			
	PLC control			
	the line must be specified for all machine as follow			
	1- stainles stel and spcilly that with coutaet with product must be ST.ST.316			
	2- safty device and gurd must be included			
	3- spare parts for 3 years (list of the item ,quantity of each item and price to be indicated)			
	4- any pant to put line on production must be included			
	5- all neded raw material for trial run comply with S.D.I samples			

	6- the voltage for the machine must be 3 ph . 380 V 50HZ (N+E conneted together)			
	7- manual operation catalogue in english language complete with machine specification and mechanical and electrical diagram			
	8- SGS inspection for the line			
02-10-01176	CAPSULE FILLING AND CLOSING M/C		QTY 2	
	two automatic continuous motion pharmaceutical hard gelatine capsule filling and closing machine each machine having the following specifications:-			
	output : infinitely variable speed up to 100000 capsule / HR			
	size of capsule to be handled : F0 and F1 and F2			
	product to be filled : pharmaceutical powder			
	automatic powder feeder from machine hopper			
	automatic empty capsule feeder from machine hopper			
	vacuum cleaner dust extraction unit			
	vacuum pump for capsule opening			
	vacuum pump for capsule selection and ejection			
	ejection device for the faulty capsule			
	safety devices ECT			
	proof hood for protection against noise level			
	contamination and operators			
	empty capsule sorting unit for continuous selection and feeding device to machine hopper			
	selecting unit suitable for sorting the filled capsule coming from the machine to separating the properly filled capsules from the empty or uncorrectly filled ones			
	capsule counter device			
	operating 40 URS device and speed meter device			
	all parts with contact of powder or the capsule must be made of stainless steel			
	spare parts for approx 3- years operation . Including additional quantity of size parts ,F0,F1,F2 especially F0 dosing , feeding . Ejection , closing parts ...ETC			
	set of tooling			
02-10-01177	capsule filling and closing M/C			
	manual catalogue for operation and maintenance with spare part list and construction detailed drawing and spare part unit price			
	our electrical supply is 380 V A.C 50 HZ 3- phase with N+E			

	spares part			
	Rotorgran			
	oscilting graunlator s6-250		10	
	Robust compact designed equipment,in			
	st steel GMP constraction with oscillating			
	Rotor motor producing uniform size .			
	granules technical data as follows :			
	out put : upto 250 kg/hr.			
	Motor : 2HP 1449 KPM 3Phase			
	power: 1.5 KW			
	Weight : 170kg (with out stand)			
	225 kg S(with stand).			
	Voltage : 380/415 V			
	S.S Screens - 12 nos each of			
	following size .			
	10 Mesh		10	
	12 Mesh		10	
	14 Mesh		10	
	14 Mesh		10	
	S6S in spection			
	spare pants must recommended for			
	2 years , and sending a list of			
	spares part .			
	CIF Samarra			
CODE NO.				
02-10-01179	SPARE PARTS FOR 35 STATION AIR PAC DRTM TABLET COMPRESSIONMACHINE			
Part no.	Description		Qty.	
MJ-1	Upper cam plute		8	
MJ-2	Take out plate		16	
BJ-6	Lowering cam		12	
BJ-7	Lifting cam		16	
Mg ,M10,M11	RH,L.H Rear friction plate		6 set	
BF-16	Lower Track		12	
BC-3	Lower roll		8	
BC-4	Lower roll bush		16	
D21 for BM	Upper pressure roll		8	
D22 for BM	Upper pressure roll bush		16	
BC-11	Pressure WHEEL		8	
BF-4	Dozzer		8	
BH	Feed frame		12	
	Rotary pump			
ME-7	Gear box		4	
ME-6	Gear box extension		4	
ME-9/A	Flange for Electro magnetic clutch		4	

MK 27	Front dust cover at upper punch		4	
MK 27/1	Rear dust cover at upper punch		4	
ME-14/A for BM	Worm shaft		4	
02-10-01180	spare parts for 27 station air pac DRTM tablet compression machine			
Part no.	Description		Qty.	
MJ-1	Upper cam plate		4	
MJ-2	Talk out plate		8	
BJ-6	Lowering cam		6	
BJ-7	Lifting cam		8	
Mg,M10,M11	R.H,L.H rear friction plate		3 set	
BF-16	Lower track		16	
BC-3	Lower roll		4	
BC-4	Lower roll bush		8	
D21 for BM	Upper pressure roll		4	
D22 for BM	Upper pressure Roll bush		8	
BC-11	Pressure wheel		4	
BF-4	Dozzer		4	
BH	Feed frame		4	
	Rotray pump		1	
ME-7	Gear –box		2	
ME-6	Gear box extortion		2	
ME-9/A	Flange for Electro magnetic clutch		2	
MK27	Front dust cover at upper punch		2	
MK27/1	Rear dust cover at upper punch		2	
ME 14/A &OR BM	Worm Shaft			
02-10-01181	CAPSULE FILLING MACHINE MGS TYPE C2 37/ N NR 4/25			
PART NAME	Sr no. or type		QTY	
Panel board inner control (second part)	180-146		1	
121.1 lubricate pump (All Parts)	b-7390to HS-209		1	
Pannel Board Outer Control (Fifth part)	122-103		1	
Inductive seursor for machi	Ins No. 107041		3	
	D7031/192 34			
Programming Logic Count	(plc) sys MAC		1	
	CVM 1-CPU 11-V2			
	PA 208			
02-10-01182	BLISTER MACHINE			
	BOSCH GROP – OERMERY			
	PH2-NR PH2	1.59518E+11		
PART NAME	S,No or type		QTY	

Thermoregulator for	TH- SOLO		1	
02-10-01183	BLISTER MACHINE / CAM			
M82/F				
PART NAME	SR No. or type		QTY	
Thermoregulator for pre-heating die			2	
Unit logic controller port	C F 85 MPL		2	
Water cooling device			1	
02-10-01184	Powder filling machine 3ENME			
	CARMICHAL / ITALY TYPE D12/2MF			
PART NAME	SR NO. OR TYPE		QTY	
Clutches KEB	603210		3	
Group KEB	610607		3	
Sensor S1 18 C3	S1 18C5 P N P		2	
Micro Switches	XC KP 102		2	
Timer	CM 50 T/4		1	
Timer	PDX 2C56 244PC		1	
02-10-01185	CAPSUL FILLING MACHINE MG2			
			QTY	
PART NAME	SR NO. OR TYPE			
Panel board inner se	180-146		1	
Lubrication pump (m	*B.7390 S238 B-8807		1	
	S-176 C.2707			
	*B.4728 B.7827 HS-233			
	HS 127			
	*S.154 B.3344			
	A.3844 B.7827			
	*HS.40 B.7824 HS-209			
Pannel board outer c	122-103		1	
Inductive sensor for r	INS 110 10741 PIN (19234) D7031 PIN (19234) D7031/14234 PIN		1	
02-10-01186	POWDER FILLING MACHINE			
PART NAME	SR NO. OR TYPE		QTY	
CLUTCH	KEB 0603210		1	
GROUP	KEB 0610607		1	
SENSOR	S1 18C5 P N P NC		1	
MICRO SWITCHES	XC KP 102		1	
02-10-01187	SPARE PARTS FOR M80 BLISTER MACHINE CAM			
	S.N: S06.037 , S06.042,S06.043			
CODE NO.			QTY	
04.060.0006	1set gripper unit 1-2-3-4-5-8-9-10-7		7	

04.060.0008	2nd gripper unit 1-2-3-4-5-6-10-11-12-9		7	
04.060.00010	3rd gripper unit 3-2-4-5-6-7-8-9-10-13-14-15-16-17-18		7	
40.001.7114	Spring (kit 24 pz)		20	
40.001.6252	Spring 16		5	
04.060.0033	Gnuppo albeno ditnasm .st.formatura 22		10	
50.606.5100	Forming cylinder gasket kit 30-31-32-33-34-35-36-37-38-39		10	
50.606.5138	Forming station gasket kit 2-3-6-11-7-10		10	
50.601.5049	Solenoid valve se 9573-080-00/a		3	
04.060.0017	Solenoid valve 42-43-44-45		3	
02-10-01188	SPARE PARTS FOR CARTOONING MACHINE HF 77			
	DESCRIPTION		QTY	
	Item 1.sprocket wheel for carton transport chain (HS-714,Z=48*1/2 INCH)		32	
	Item 2.sprocket wheel for cartoon transport chain (HS-7.6,Z=48*1/2 INCH)		32	
	Cartoon Transport chain complete		16	
02-10-01189	M80			
	DESCRIPTION			
	Pneumatic cylinder VC2 32*20 Farolfi for First pincer		21	
	First pincer		7	
	Pneumatic cylinder UC2 40*35 farolfi for per -heating		20	
	Vacuum pump complete with motor		7	
	Oil seal for above pump		30	
	Vacuum blades for above pump		21 SET	
	Main drive V-belts S30 ¼-57		21	
	Filter housing complete for vacuum pump		14	
	Filter cartridge for above		21	
	Small screw , washer ,nut,...etc of the whole machine		7 SET	
	Water cooling unit assembly		5	
	Water pump complete		7	
	Mechanical seal assembly for above pump		20	
	Refrigeration compressor for above cooling unit		7	
	Oil seal +oring for hydraulic cylinder (figN,N.6)		21 SET	
	The pincer (fig P,N.1)		7	
	Gear box for main drive machine		7	
	Pulleg for above gearbox		7	
	Ref . no.500125010 caps spring in forming station o40-10,20.9		100	
	Ref. No. 400016252springs in forming /sealing station		20	
	Ref . no 400015923 spring for alafoil brake		20	
	Ref . no 400012068 spring for idle pincer		20	
	Ref . no 400015533 compensating roller return springs		20	
	Ref . no bearing No. NUTR 4090		20	

	Ref . no bearing No.NUTR2562		50	
	Ref . no 400016178 exit pincer spring (drawing area)		20	
	Ref . no 400040088 stabilizer springs		20	
	Ref . no 400016633 De-vacuum valve springs		20	
	Ref . no 506065007 kit gasket for radius 22 sealing oil cylinder		10	
	Ref . no 506065009 kit gasket for reduce 32 pincer cylinder		20	
	Ref . no 506065082 kit gasket for radiuse 40 per-heating cylinder		10	
	Ref . no 506065081 kit gaskets for raduise 63 per punches cylinder		10	
	Ref . no 506065080 kit gaskets for radiuse 50 compen sat or cylinder		20	
	Ref . no 506050091 or gaskets for hood seal		20	
	Ref . no 5060095 or gaskets for matrix		20	
	Ref . no 50606027 or gaskets for matrix		20	
	Ref . no 000000011 long conveyor belt XASB 30 type tir 27		7	
	Ref . no 506045013 bronze muffler 3/8 inch		15	
	Ref . no 506035004 regulator 1/8 inch raduise 6		15	
	Ref . no 500040149 nyliner bushes 16L 16F		4	
	Ref . no 506010046 Solenoid valve for per heating G50V24 AC		14	
	Ref . no 000000012 DIFFERENT HOSES		30MT	
	Ref . no 000000013 pneumatic selecor (dordoni)		4	
	Ref . no 506085000 Hose for closure cylinder		4	
	Ref . no motor gear box .8chain & or cutter blister (fig,R)		7	
	Ref . no gear box ,chains 8 sprocket wheel (fig,R)		7	
02-10-01190	Spare parts for M80 blister machine CAM			
	S.N:S06.037,S06.042 ,S06.043 italic model			
	Part name		QTY	
	Temperatures regulators		30	
	Temperatures sensers		30	
	Timer relays		7	
	All over loads of elec. circuit for seven machine			
	All contactors 24v of elec . circuit for seven machines			
	All relays of elec. Circuit for seven machine			
	All motors for one machine			
	All heaters for seven machines			
	bush bootom for three machines			
	Coiles of seniloid valve for seven machines			
	All micro switch for seven machines			
	Photo cell of tablets hopper for seven machines			
	Electrical cam		10	
02-10-01191	Spare parts for fitzmill machine			
	S.N: 23*173,13*171			
	DESICRIPTION		QTY	
	Part No. 24045 type 225 blades		200	

	Part No. 24043 blade pins for 24045		25	
	Part No. 24269 complete set of tools		10	
	Part No. 24115 N.M.D.J.30bearings		10	
	Part No. 24168 1 3/16 inch diameter lock washes		10	
	Part No. 24169 1 3/16 inch diameter lock washer		10	
	Part No. 24116 oil seal 1 7/11 inch diameter		10	
	Part No. 24117 oil seal 1 1/16 inch diameter		10	
	Part No. 24176 dust retainer 37*65*20inch long		8	
	Part No. 24118 ½ inch vee belts -53 inside long th		25	
	Part No. 24119 ½ inch vee belts .49 inside long		25	
	Part No. 24120 ½ inch vee belts .44 inside long th		25	
	Part No. 24183 3/37 inch screen type (A)		10	
	Part No. 24185 1/8 inch screen type (A)		10	
	Part No. 24186 5/32 inch screen type (A)		5	
	Part No. 24240 10S mesh screen type (C)		5	
	Part No. 24241 14Smesh screen type (C)		5	
	Part No. 24242 14Smesh screen type (C)		5	
	Part No. 24243 16S mesh screen type (C)		5	
	Part No. 24018 motor side rod bracket		8	
	Part No. 24019 motor screw bracket		8	
	Part No. 24020 motor bracket		8	
	Part No. 24166 adzusting washer fixed end cap		10	
	Part No. 24167 adusting washer floating end cap		10	
	Part No. 24168 1 3/16 inch diameter lock washers		10	
	Part No. 24169 1 3/16 inch diameter lock washers		10	
02-10-01192	Spare parts for rotorgrane machine S.N:8y 187 , 33Y,33Y, 179			
	DESICRIPTION		Q.T.Y	
	5/16 inch tubing nut		15	
	5/16 inch tubing sleeve		15	
	5/16 inch dia copper pipe		10	
	Worm shaft		6	
	Oil finger		8	
	Worm shaft L.H. end cap (pulley side)		4	
	Simplubelt vari-speed pulley		8	
	Simplbelt vee-belt 20/1120		10	
	Driven pulley		3	
	Speed adzusting screw		8	
	Worm shaft R.H. End Cap(pump side)		6	
	Suddo pump		6	
	5/16 inch dia nylon tube		8	
	Rotor drive shaft		10	
	Dua /lip oil seal		25	
	Hopper locating ring		8	

	Bearing housing		8	
	SKF 6011 RS 1 Ball bearing		8	
	Oscillating bracket		2	
	Distance piece on worm shaft		60	
	31 Tworm shaft		10	
	5/16 inch BSW *2inch SKT . Hd cap screw		6	
	Crank shaft		8	
	R.H screen roller assembly		10	
	L.H screen Roller assembly		10	
	3/8 inch diatubing nyton		10 m	
	3/8 inch tubing nut		20	
	3/32 inch dia *5/16 inch grooved pin		20	
	8 DP Rack		6	
	Mesh 8		2	
	Mesh 10		4	
	Mesh 12		4	
	Mesh 14		4	
	Mesh 16		2	
02-10-01193	Spare parts for container filling (suppositnies) and sealing DOTT .BONAPACE, 8C1986			
	Type : via canova 6/12			
	Filling machine			
	DESCRIPTION		QTY	
	Set blades moves containers		2	
02-10-01194	Sealing machine			
	Part NO.		QTY	
	Cam-double for sealing jaws drive		2	
02-10-01195	Spare parts for packing machine (Hassia) type FVP 20/18			
	MADE IN GERMANY			
Description	Part No.		Q.t.y	
Counter pulley	00 936 24 03		2	
Fluted ball bearing	3 80 00 658		10	
AC motor ND 236	971 02 91		1	
Simpla Belt Pulleg	936 16 18		2	
Large V-BELT	936 40 03		4	
Musser (citter)	12 329 10 01		4	
Electro-magnet spring	977 35 03		4	
Fluted ball bearing	932 02 08		10	
Electro- magent clutc	977 09 02		4	
Carbon – brush	89 507 48 01		10	
Needle bearing NK 5	3 87 60 20		10	
CAM	937 25 76		6	
Needle busing HK 12	937 25 01		12	

Needle busing HK10	932 52 02		12	
Shaft	934 28 02		2	
Gear	933 06 41		6	
Shaft	12 384 14 01		2	
Ring scraw	934 05 39		2	
Guide	934 42 03		2	
Larm	12 385 02 01		12	
Sealing jaws (R.L)			2	
Guide shaft pindlle	12 120 87 02		2	
Return spring	00 930 03 04		2	
Tie yoke left	12 127 32 01		2	
Tie yoke right	12 127 32 02		2	
Cam right	00 937 25 76		2	
Cam left	00 937 25 77		2	
Clamp bolt	00 901 01 16		2	
02-10-01196	Spear parts for Autoclave se-NO62/1552-76			
Part No.	Description		Q.t.y	
B4812	1 ¼"parrett valve		6	
B4240	2 ¼" parrett valve		6	
B6921	¾" bailey G4reducing valve		4	
B2488	¼" dewrance Asco 3- way solenoid valve		5	
B0158	1 ¼" sasety valve		8	
B9726	1" dragton controls cgltrol controller		6	
B0181	½" besto bell hand valve		5	
B0201	½" besto obell non –beturn valve		5	
B0163	3/8" non- return valve		6	
B7818	1 ½" horizontal flap type non- return valve		7	
S2227	½" drayton castle non- return valve		6	
B0124	½"powronce Asco 2- way solenoid valve		6	
B9746	¾" dewrance Asco-2 way solenoid valve		6	
B0850	½" (y) type strainer		6	
B0854	¾" (y) type strainer		6	
B0943	Domnick hunter No.-2 Air filter		8	
B1809	Stamp trap –bucker type		3	
B9747	Water boost pump		6	
B1077	Door seal liength to suit size of door		50m	
B7071	Perrett top diaphragm –5" pia		15	
B4377	Perrett top diaphragm –6 dia		5	
B9329	Disc seat 1 ¼"		10	
B6903	Disc seat 2" 0			
B0610	Vacum pump for units up 0.8m or over		3	
02-10-01197	Spare part for frgma machine AG			

	TYPE :VME-400			
	Part name			Qty
	Sliding ring (mixer)			10
	Casing ring (mixer)			10
	Sliding ring (scraper drive)			10
	Casing ring (scraper drive)			10
	Sliding ring (homogenize)			10
	Sliding ring (homogenize)			10
	Worm screw feed (homogenize)			4
	Motor shaft (homogenize)			2
	Vacuum pump (LOH.25007)			2
	o-ring (cover of preparation) machine			4
	Rotor complete (homogenize)			4
	Stator complete (homogenize)			4
02-10-01198	Spare parts for tube filter machine			
	CO.MA.DI.S machine type :C100/38/86			
	PART NAME			QTY
	Sets of NO. from 0-to 9			30
	Main gear box			4
	Mixing gear box			4
	Sets of cams moved bush			
	Holder adjustable plate			3
	Variable speed pulley			3
	Cam which moved dose shaft			3
	Cams holder (tube fixed edge)			3
	Piston and hole () dispensing pump –coc R			3
	Sets of bush for cams holder			
	Shaft (tube fixed edge)			6
02-10-01199	SPARE PARTS FOR RICAP/35 MODEL 256			
	Serial no. 5697 filling, insertring and closing dropper machine order no.80/77			
	DISCRPTION			
	1*Pair of shells part No.1 for bottle dropper C 25X60			
	12X Roller part NO.13			
	4x roller part NO.12			
	2x horizontal slide shaft for aboreiteml(pt-vo-12)			
	1x sliding bearing for above shaft.			
	1xhorizontal slide pt-NO.5			
	1x dropper slide pt-NO.3			
	24x Sets Of Teflon piston rings for dosing pump cc5			
	24xsets of Teflon piston rings for dosing pump cc10			
	1xcam for closing head			

	4x Cc mplete 10cc dosing pumps assembly			
	2x cc mplete 5 cc dosing pumps assembly			
	1x complete closing head assembly for pbstic dropper			
	1x complete closing head assembly for Aluminum caps. Droppe csyntorhtone Po Hcl droopes			
	4x penumatic cylinder cl 13x 20 pp complete with thebreak dise for BOHLES (25X60)			
	4x sensor mcd-12/25 5c 12-24v.			
02-10-01200	Electric spare parts for almann machine NR. 8/330 1978 Germany model			
	DISCRPTION			
	All heaters in machine			
	All capa citors in machine			
	All bridge rectifier in machine			
	Thermostats			
	All regulator resistans			
	Counter			
02-10-01201	Electric spare parts for almann machine NR. 8/360 1978 Germany model			
	DISCRPTION			
	All heaters in machine			
	All capacitors in machine			
	All bridge rectifier in machine			
	Thermostats			
	All regulator resistans.			
	Counter			
02-10-01202	Electric spare parts for uhlmann machine NR. 207 1972 type HS4			
	DISCRPTION			
	All heaters in machine			
	All capacitors in machine			
	All bridge Rectifier In Machine			
	Thermostats			
	All regulator nesistans			
	Counter			
02-10-01203	Electric spare parts for uhlmann machine NR. 275- 1975 type HS4 Germany model			
	DISCRPTION			

	All heater in machine			
	All capacitors in machine			
	All bridge nectifier in machine			
	Thermostats			
	All regulator resistans			
	Counter			
02-10-01204	Electric spare parts for uhlmann machine			
	NR. 8/344 1979 Germany model			
	DISCRPTION			
	All heaters in machine			
	All capacitors in machine			
	All bridge rectifier in machine			
	Thermostats			
	All relays in machine			
	All regulator resistans in machine			
	Counter			
02-10-01205	Electric spare parts for uhlmann machine			
	NR. 8/358 1978 Germany model			
	DISCRPTION			
	All heaters in machine			
	All capacitors in machine			
	All bridge rectifier in machine			
	Thermostats			
	All relays in machine			
	All regulator resistans in machine			
	Counter			
02-10-01206	Electric spare parts for uhlmann machine			
	NR. 8/300 1979			
	DISCRPTION			
	All heaters in machine			
	All capacitors in machine			
	All bridge rectifier in machine			
	Thermostats			
	All relays in machine			
	All regulator resistans in machine			
	Counter			
02-10-01207	spare parts for capsule filling machine			
	MG2 G37/No. serial no. 4125-4126			
Part no.	Description		Qty	
Ex 47 2004	Do sator size 0		80	
Ex 47 2005	Do sator size 1		80	
411-522	Shaft		4	

429.262	Block			50	
482.094	Gasket			50	
173-026	Pulley			4	
123-061	Belts			6	
135-028	Vacuum pump			3	
520-350	Shaft transfer pin			12	
469-284	Lower bushing size 0			20	
469-285	Lower bushing size 1			20	
472-013	Piston for dosator size 0			40	
472-014	Piston for dosator size 1			40	
02-10-01208	Spare parts for blistering machine /ph2				
	Type 63-1791 serial no. :631791				
	PART NO.	DESCRIPTION		QTY	
	E945.037	Compressed air system U40 SB 40 m3/h-20m bar		1	
	80559	Cooling water system LO1 (Autotherm) 2bar		1	
	Cutting device			1	
02-10-01209	Spare parts for filling and capping powder machine				
	Carmichel .serial NO D31-116				
	DESCRIPTION			QTY	
	3 rollers head BECA			2	
Code No	SPECIFICATION	ASSAY LIMIT	Assay Limit	QTY	
02-10-01210	Enrofloxacin	J. S. P23, BP98, BP Vet. 93	95-105%	2000	
02-10-01211	Norofloxacin	J. S. P23, BP98, BP Vet. 93	95-105%	2000	
02-10-01212	Tylosin tartrate	J. S. P23, BP98, BP Vet. 93	95-105%	2000	
02-10-01213	Gentamycin sulphate	J. S. P23, BP98, BP Vet. 93	99.5-105%	1000	
02-10-01214	Doxycyclin HCL	J. S. P23, BP98, BP Vet. 93	98-110%	2000	
02-10-01215	Colistin sulphate	J. S. P23, BP98, BP Vet. 93	95-105%	2000	
02-10-01216	Neomycin sulphate (W. S. P.)	J. S. P23, BP98, BP Vet. 93	95-110%	2000	
02-10-01217	Chloromphenicol base	J. S. P23, BP98, BP Vet. 93	95-105%	4000	
02-10-01218	Trimethoprim	J. S. P23, BP98, BP Vet. 93	92-107%	500	
02-10-01219	Sulfadiazine	J. S. P23, BP98, BP Vet. 93	92.5-107%	2000	
02-10-01220	Sulfamerazin	J. S. P23, BP98, BP Vet. 93	92.5-101%	1000	
02-10-01221	Vit. A acetate 500000 (I.U) (W.S.P.)	J. S. P23, BP98, BP Vet. 93	NLT. 500000 I.U	4000	
02-10-01222	Vit. E adsorbate 50%	J. S. P23, BP98, BP Vet. 93	0.5 million I.U	2000	
02-10-01223	Vit. D3 (W.S.P.) 40000000 I.U	J. S. P23, BP98, BP Vet. 93	NLT. 500000 I.U	25	
02-10-01224	Vit. C (W.S.P.)	J. S. P23, BP98, BP Vet. 93	----	10000	

02-10-01225	Vit. K3 (W.S.P.)	J. S. P23, BP98, BP Vet. 93	98.5-101%	500
02-10-01226	Methyl paraben	J. S. P23, BP98, BP Vet. 93	99.5-110%	200
02-10-01227	Propyl paraben	J. S. P23, BP98, BP Vet. 93	99.5-110%	100
02-10-01228	Aerosil	J. S. P23, BP98, BP Vet. 93	97-108%	2500
02-10-01229	Vit. B1 (W.S.P.)	J. S. P23, BP98, BP Vet. 93	98-101%	100
02-10-01230	Vit. B2 (W.S.P.)	J. S. P23, BP98, BP Vet. 93	98-101%	200
02-10-01231	Vit. B6 (W.S.P.)	J. S. P23, BP98, BP Vet. 93	98-101%	150
02-10-01232	Nicotinamide (W.S.P.)	J. S. P23, BP98, BP Vet. 93	99-101%	500
02-10-01233	Folic acid	J. S. P23, BP98, BP Vet. 93	98-101%	50
02-10-01234	Vit. B12 (W.S.P.)	J. S. P23, BP98, BP Vet. 93	98-101%	5
02-10-01235	Manganese sulphate (W.S.P.)	J. S. P23, BP98, BP Vet. 93	NLT. 98%	200
02-10-01236	Copper sulphate (W.S.P.)	J. S. P23, BP98, BP Vet. 93	NLT. 98%	200
02-10-01237	Zinc sulphate (W.S.P.)	J. S. P23, BP98, BP Vet. 93	99-104%	200
02-10-01238	Ferrous sulphate (W.S.P.)	J. S. P23, BP98, BP Vet. 93	99.5-104.5%	200
02-10-01239	Pot. Iodide	J. S. P23, BP98, BP Vet. 93	Qty. test 98.5% of Ca. Carbonate	100
02-10-01240	Magnesium sulphate	J. S. P23, BP98, BP Vet. 93	---	100
02-10-01241	Glucose – mono hydrate	J. S. P23, BP98, BP Vet. 93	Qty. Identification 19	165320
02-10-01242	Lactose	\$.P23 BP98, BP Vet/.93	Qty. Identification 19	165320
02-10-01243	Oxytetracyclin (HCL) W.S.P	\$.P23 BP98, BP Vet/.93	90-115%	4000
02-10-01244	Sod. E.D.T.A/	\$.P23 BP98, BP Vet/.93	98.5-101%	300
02-10-01245	Ampicillin trihydrate W.S.P	\$.P23 BP98, BP Vet/.93	90-110%	4000
02-10-01246	Malt. Diastase/	\$.P23 BP98, BP Vet/.93		100
02-10-01247	Amoxycillin trihydrate (W.S.P)	\$.P23 BP98, BP Vet/.93	NLT.92%	2500
02-10-01248	Trimethoprim	\$.P23 BP98, BP Vet/.93	92-107%	1500
02-10-01249	Sod.C.M.C	\$.P23 BP98, BP Vet/.93	6.5-9.5%	500
CODE NO.	DECCRIPTION			QTY.
02-10-01250	AMPOULANCE 2002-2003 AND ITS SPAREPARTS			50 VEHICLE
02-10-01251	THERMOFORMING BLISTER MACHINE :- SIX MACHINE BLISTER MACHINE CAPACITY 300 BLISTER/ MIN			
	FULLY AUTOMATIC THERMOFORMING BLISTER MACHINE TO FILL IN BLISTER PHARMACETUCAL DOSAGE FROM TABLET WITH DEFFENT DIAMETER USING P.V.C AND ALUMINIUM RELL , THE TABLETS DIAMETER :			
	12.7,12.10.3,9,7.9,7.1,7.5 , triangular , oblong			
	1- price for extra change part for round , triangular and ablong shape must be included			
	2- the machine are equipped with thermal coding device for batch .			
	manufacturing date and expire date for each blister			
	- checking device to reject a faulty blister			
	- dust collector device			
	- chilled water unit for the machine			

	- guards and all soften in the machine all necessary accessory to put the machine in production .			
	- any recommended optional			
	- change pant for tablet size			
	- the voltage for machine must be 3-PH 380V, 50HZ +E+N			
	- Commission			
	Installation , training must be include			
	- list of documentation			
	- lay out			
	- pneumatic circuit diagram			
	- cooling circuit diagram .			
	- labrication circuit diagram			
	- electrical technical documentation			
	- instruction manual / installation , use and maintenance			
	- spare parts munal			
	- spare parts for 2 years of operation for the six machines blister and sending a list of these spare parts			
	- CIF samarra			
Code No	Name / Specifications			Qty
02-10-01252	Ultracentrifuge / Top speed 65000 rpm			1
02-10-01253	Laminar airflow class II / Filer surface 54m3			2
02-10-01254	PCR (thermocycler) (with accessories) / 54 wells for 0.5ml eppendorf tube.			1
02-10-01255	Micro centrifuge / (13000 rpm) eppenendorf tube			1
02-10-01256	Olympus inverted microscope / Research inverted microscope			2
02-10-01257	Olympus (CH13) microscope / Simple routine microscope			3
02-10-01258	PH meter / Micro processor based range 0-14PH			3
02-10-01259	I.R, UV- visible, spectrophotometet / Wave length range 340-1000 nm			1
02-10-01260	Low temperature incubator / Temp. rang -20 to +70C			1
02-10-01261	Finnpipette adjustable volume / Digital pipets 0.5 -200 ul capacity			5
02-10-01262	Digital pipets /200-1000ul capacity			5
02-10-01263	Multichannel pipets / 8 channel 5- 100 ul			5
02-10-01264	Culture flasks / surface treated polystyren 25-75-150-250 cm2			1000 for each type
02-10-01265	Middle brook broth			2 Kg
02-10-01266	Brain heart infusion broth & agar			2 Kg
02-10-01267	Brucella base agar & Broth			2 Kg
02-10-01268	Fetal calf serum			5 L
02-10-01269	HAT selective medium component 50X			100 vial
02-10-01270	hosereel capinet :- supply a hosereel capinet of total dimention (850X850X400) mm wall mounted type swing type , 180 center propvied (30 m) hose length and 25 mm dia high pressur hose with (6 mm) no 33 le		8	
02-10-01271	fire extinguisher		15	

	supply portable fire extinguisher having capacity of (9) kg each supported on wall hooks specified			
	A.B.C type fire extinguisher			
02-10-01272	Fire alarm system:-		11	
	Supply fire alarm system including			
	Connections etc ...			
	A- Fire alarm at medium power alarm			
	including wiring			
	B- Fire alarm terminal board complete			
	With terminal block fixed inside			
	as sheet steel box with removable cover			
	including connections			
	Suitable for 8 zones		1	
	Suitable for 5 zones		2	
	C- Automatic smoke detector including		140	
	Wiring			
	D- Ditto but with and line resistor		15	
	Central indicating and control panel			
	Suitable for 2 fire zones with fire			
	alarm bells complete with all safety			
	devices			
	Manual call station surface mounted		14	
	type			
	Fire alarm indicating lamp		41	

02-10-01273	Spear parts for 35 station airpack drtm + ablet comoression machine			
	Item	Part no.	Description	Qty.
		1 MJ-1	Upper cam plute	8
		2 MJ-2	Take out plate	16
		3 BJ-6	Lowering cam	12
		4 BJ-7	Lifting cam	16
		5 Mg ,M10,M11	RH,L.H Rear friction plate	6 set
		6 BF-16	Lower Track	12
		7 BC-3	Lower roll	8
		8 BC-4	Lower roll bush	16
		9 D21 for BM	Upper pressure roll	8
		10 D22 for BM	Upper pressure roll bush	16
		11 BC-11	Pressure WHEEL	8
		12 BF-4	Dozzer	8
		13 BH	Feed frame	12
		14	Rotary pump	4
		15 ME-7	Gear box	4
		16 ME-6	Gear box extension	4
		17 ME-9/A	Flange for Electro magnetic clut	4
		18 MK 27	Front dust cover at upper punch	4
		19 MK 27/1	Rear dust cover at upper punch	4
		20 ME-14/A for BM	Worm shaft	4