

COR

At the heart of your OR!



## COR

### The centerpiece for your OR!

The equipment cart with all necessary units is a central component of any OR where minimally invasive interventions are performed.

KARL STORZ has developed a new, innovative equipment cart concept that enables the required equipment, apparatus and products to be positioned in the OR in a space-efficient manner.

Thanks to its modular design, the equipment cart can be adapted to meet these demands. The required accessories can be specified according to individual wishes. The carts are available in various widths and heights that can be combined as required, allowing optimal adaptation to OR conditions.



## Electric Components

In order to supply power to all units positioned on the equipment cart, electrical components have been integrated into the central beam. The standard mains cords of the units are guided into the beam via a rubber seal lip and connected to the electrical subdistribution board. This can be conveniently controlled by a mains switch on the cover. The beam partitioning keeps the power and signal cables neatly separated from each other.

The isolation transformers and earth leakage monitors recommended by KARL STORZ are easily integrated and connected or retrofitted at any time. The earth leakage monitor features a display element for indicating electrical load data so that overloading can be detected and prevented in time.



## Optional Accessories

Several attachments are available for the new equipment carts. Accessories such as footswitches, tubes and cables can be neatly stowed away in additional holders and are always within reach.

Several monitor holders can be mounted to the equipment carts simultaneously. As the extension arms have various lengths, the cart can also be optimally adapted to circumstances and needs in the OR with regard to the monitor mounts.

A swivel-arm model is also available which can be moved from one side of the cart to the other without the need for remounting. Consequently, the most diverse user requirements can be accommodated with only one equipment cart solution.



## Sample Model Variations from the COR Equipment Cart Series



UG220

**Equipment Cart**, wide, high, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, central beam with integrated electrical subdistributors with 12 sockets, grounding plugs,

Dimensions:

Equipment Cart: 830 x 1474 x 730 mm (w x h x d),

Shelf: 630 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

including:

**Base Module**, equipment cart, wide

**Cover**, equipment cart, wide

**Beam Package**, equipment cart, high

3x **Shelf**, wide

**Drawer Unit with Lock**, wide

2x **Equipment Rail**, long

**Camera Holder**



UG120

**Equipment Cart**, narrow, high, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, central beam with integrated electrical subdistributors with 12 sockets, grounding plugs,

Dimensions:

Equipment Cart: 660 x 1474 x 730 mm (w x h x d),

Shelf: 450 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

including:

**Base Module**, equipment cart, narrow

**Cover**, equipment cart, narrow

**Beam Package**, equipment cart, high

3x **Shelf**, narrow

**Drawer Unit with Lock**, narrow

2x **Equipment Rail**, long

**Camera Holder**

## Sample Model Variations from the COR Equipment Cart Series



UG210

**Equipment Cart**, wide, small, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, energy beam with integrated electrical subdistributors with 6 sockets, grounding plugs,

Dimensions:

Equipment cart: 830 x 1265 x 730 mm (w x h x d),

Shelf: 630 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

including:

**Base Module**, equipment cart, wide

**Cover**, equipment cart, wide

**Beam Package**, equipment cart, small

**Shelf**, wide

2x **Drawer Unit with Lock**, wide

2x **Equipment Rail**, long



UG110

**Equipment Cart**, narrow, small, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, energy beam with integrated electrical subdistributors with 6 sockets, grounding plugs,

Dimensions:

Equipment cart: 660 x 1265 x 730 mm (w x h x d),

Shelf: 450 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

including:

**Base Module**, equipment cart, narrow

**Cover**, equipment cart, narrow

**Beam Package**, equipment cart, small

2x **Shelf**, narrow

**Drawer Unit with Lock**, narrow

2x **Equipment Rail**, long

## Available Accessories

	UG602	<b>Drawer Unit with Lock, wide</b>	max. shelf load 60 kg, max. drawer load 5 kg, with cable slot, Dimensions: 630 x 126 x 510 mm (w x h x d)
	UG601	<b>Drawer Unit with Lock, narrow</b>	max. shelf load 60 kg, max. drawer load 5 kg, with cable slot, Dimensions: 450 x 126 x 510 mm (w x h x d)
	UG604	<b>Shelf, wide</b>	max. load 60 kg, Dimensions: 630 x 25 x 510 mm (w x h x d)
	UG603	<b>Shelf, narrow</b>	max. load 60 kg, Dimensions: 450 x 25 x 510 mm (w x h x d)
	UG310	<b>Isolation Transformer, 200-240 V, 2000 VA</b>	with 3 mains sockets, automatic cutout, 3 grounding plugs, Dimensions: 330 x 90 x 495 mm (w x h x d)
	UG300	<b>Isolation Transformer, 100-120 V, 2000 VA</b>	with 3 mains sockets, automatic cutout, 3 grounding plugs, Dimensions: 330 x 90 x 495 mm (w x h x d)

## Available Accessories






	UG410	<b>Earth Leakage Monitor,</b> 200-240 V	for mounting to equipment carts, control panel dimensions: 44 x 80 x 29 mm (w x h x d), for use with Isolation Transformer UG310
	UG400	<b>Earth Leakage Monitor,</b> 100-120 V	for mounting to equipment carts, control panel dimensions: 44 x 80 x 29 mm (w x h x d), for use with Isolation Transformer UG300
	UG501	<b>Monitor Holder Adaptor</b>	for central mounting of monitor holding arms on the rear attachment points of the COR equipment carts UGxxx for use with UG500, UG510 and UG520
	UG540	<b>Monitor Swivel Arm</b>	height and side adjustable, can be positioned on the left or on the right side, swivel range 180°, reach 780 mm, from center 1170 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100
	UG500	<b>Monitor Holder</b>	height adjustable, swiveling and tilting, swivel range approx. 360°, loading capacity max. 18 kg, with monitor mount VESA 75/100
	UG520	<b>Monitor Holding Arm,</b> long	height and side adjustable, tilting, swivel range approx. 320°, reach 760 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100
	UG510	<b>Monitor Holding Arm</b>	height and side adjustable, tilting, can be mounted either on the left or on the right side, swivel range up to approx. 320°, reach 530 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100






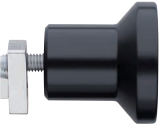


## Available Accessories

	UG530	<b>Monitor Swivel Arm,</b> for navigation camera	height and side adjustable, can be mounted on the left or on the right side, swivel range 180°, reach 880 mm, from center 1270 mm, loading capacity max. 1.5 kg, for use with equipment carts and navigation camera
	UG606	<b>Keyboard Tray, wide</b>	for mounting under wide Shelf UG604, max. load 15 kg, Dimensions: 630 x 480 mm (w x d)
	UG605	<b>Keyboard Tray, narrow</b>	for mounting under narrow Shelf UG603, max. load 15 kg, Dimensions: 430 x 480 mm (w x d)
	UG608	<b>Equipment Rail, long</b>	for mounting to side of equipment cart, Dimensions: 300 x 25 x 10 mm (w x h x d)
	UG607	<b>Equipment Rail, short</b>	for mounting to side of equipment cart, Dimensions: 170 x 25 x 10 mm (w x h x d)
	UG609	<b>Bottle Holder</b>	for CO <sub>2</sub> bottles, max. diameter 210 mm, Dimensions: 230 x 280 x 210 mm (w x h x d)
	UG627	<b>Adaptor Plates – CO<sub>2</sub> Bottle Holder twin</b>	for 2 CO <sub>2</sub> bottles in combination with 2x Bottle Holder UG609, max. diameter 210 mm, Dimensions in mm (w x d): 1x 250 x 250 and 1x 250 x 150, including: <ul style="list-style-type: none"> <li>- 2 adaptor plates</li> <li>- 10 countersunk screws M6x12</li> <li>- 10 spring nuts M6</li> </ul>


## Available Accessories

	UG610	<b>Sliding Tray Holder,</b> narrow	max. load 20 kg, Dimensions: 450 x 510 mm (w x d)
	UG611	<b>Sliding Tray Holder,</b> wide	max. load 20 kg, Dimensions: 630 x 510 mm (w x d)
	UG612	<b>Camera Holder</b>	for storing camera heads, with detachable inlays, compatible with all KARL STORZ endoscopy camera heads
	UG613	<b>Holder,</b> for support element	for mounting Bottle Stand Holder 20300033
	UG614	<b>Counterweight Plate</b>	for improved stability in combination with a monitor holding arm, Dimensions: 356 x 6 x 478 mm (w x h x d)
	UG615	<b>Auxiliary Counterweight Plate</b>	for improved stability in combination with a monitor holding arm, Dimensions: 290 x 6 x 478 mm (w x h x d)

## Available Accessories

	UG625	<b>IV Pole</b>	with 2 bottle hooks à 5 kg and Multifunctional Holder UG623, length 130 cm
	UG626	<b>IV Pole</b>	height adjustable, with 2 bottle hooks à 5 kg and Multifunctional Holder UG623, length 118 – 203 cm
	UG619	<b>Cable Manager</b>	2-part, for mounting to vertical beam, package of 2
	UG622	<b>Camera Holder, eyepiece</b>	for storing camera heads, compatible with all KARL STORZ endoscopy camera heads with standard coupling mechanisms
	UG623	<b>Multifunctional Holder</b>	2-part, for mounting poles, diameter 25 mm, package of 2
	UG624	<b>Pump Holder</b>	for mounting suction pump UNIMAT® 30 to Equipment Carts, for use with Suction Pump 25320001

## Available Accessories

	<p>13991ET</p> <p>13991DET</p>	<p><b>Video Endoscope Holder</b></p> <p><b>Double Video Endoscope Holder</b></p>	<p>for mounting to 2 Equipment Rails 29003GS including: Drip Container, with clamp for fixation to the holding rod</p> <p>for mounting to 2 Equipment Rails 29003GS including: 2 Drip Containers, each equipped with clamp for fixation to the holding rod</p>
	<p>UG618</p>	<p><b>Plug Receptacle for Video Endoscopes</b></p>	<p>for mounting on round profile diameter 25 mm</p>
	<p>29005DFH</p>	<p><b>Footswitch Holder</b></p>	<p>for two- and three-pedal footswitches, for mounting to Equipment Rails UG608 and 29003GS, for use with Footswitches 20014330, 20015430, 20016430, 20016630, 20016831, 20017830 and 20017831</p>
	<p>29005EFH</p>	<p><b>Footswitch Holder</b></p>	<p>for one-pedal footswitch, for mounting to Equipment Rails UG608 and 29003GS, for use with Footswitches 20014130, 20014230 and 20017832</p>
	<p>29005SKN</p>	<p><b>Tube Clip</b></p>	<p>to attach to suction and irrigation tubes, for mounting to equipment rails</p>

## Specifications – Equipment Carts

Criteria	Art. No.	Technical Data	UG220	UG210	UG120	UG110
<b>General Information</b>						
Medical device class		class I	x	x	x	x
CE class		CE	x	x	x	x
Total load of cart		275 kg	x	x	x	x
Net weight			86 kg	78 kg	74 kg	68 kg
Length of power line		5 m	x	x	x	x
<b>Transformer, earth leakage monitor, powerbox</b>						
Power supply	<b>UG310</b>	<b>200-240 V</b>	optional	optional	optional	optional
	<b>UG300</b>	<b>100-120 V</b>	optional	optional	optional	optional
Isolation transformer starting current limitation	UG310	electronic	optional	optional	optional	optional
	UG300	electronic	optional	optional	optional	optional
Isolation transformer insulation voltage (primary vs. secondary)	UG310	4.0 kVA	optional	optional	optional	optional
	UG300	4.0 kVA	optional	optional	optional	optional
Isolation transformer: No. of PE plug-in positions	UG310	2 ; 3	optional	optional	optional	optional
	UG300	2 ; 3	optional	optional	optional	optional
Isolation transformer nominal fuse rating A	UG310	10 A	optional	optional	optional	optional
	UG300	20 A	optional	optional	optional	optional
Isolation transformer power output	UG310	2000 VA	optional	optional	optional	optional
	UG300	2000 VA	optional	optional	optional	optional
Earth leakage monitor	UG410	<b>200-240 V</b>	optional	optional	optional	optional
	UG400	<b>100-120 V</b>	optional	optional	optional	optional
No. of PE plug-in positions in the beam		6		x		x
		12	x		x	
<b>Drawer</b>						
Dimensions (mm)	UG602	630x126x510 (w x h x d)	x	x		
	UG601	450x126x510 (w x h x d)			x	x
Max. drawer load	UG602	5 kg	x	x		
	UG601	5 kg			x	x
Max. shelf load	UG602	60 kg	x	x		
	UG601	60 kg			x	x

Criteria	Art. No.	Technical Data	UG220	UG210	UG120	UG110
<b>Board</b>						
Dimensions of board	UG604	630x510 (w x d)	x	x		
	UG603	450x510 (w x d)			x	x
	UG606	630x480 (B x T)	optional	optional		
	UG605	430x480 (B x T)			optional	optional
Max. load board	UG604	60 kg	x	x		
	UG603	60 kg			x	x
Max. load keyboard tray	UG606	15 kg	optional	optional		
	UG605	15 kg			optional	optional
<b>Monitor Holding Arm</b>						
Load capacity Monitor holding arm	UG500	18 kg	optional	optional	optional	optional
	UG510	15 kg	optional	optional	optional	optional
	UG520	15 kg	optional	optional	optional	optional
	UG530	1.5 kg	optional	optional	optional	optional
	UG540	15 kg	optional	optional	optional	optional
Rotation/swivel range Monitor holding arm	UG500	360°	optional	optional	optional	optional
	UG510	up to approx. 320°	optional	optional	optional	optional
	UG520	up to approx. 320°	optional	optional	optional	optional
	UG530	180°	optional	optional	optional	optional
	UG540	180°	optional	optional	optional	optional
Reach Monitor holding arm	UG500	-	optional	optional	optional	optional
	UG510	530 mm	optional	optional	optional	optional
	UG520	760 mm	optional	optional	optional	optional
	UG530	880 mm	optional	optional	optional	optional
	UG540	780 mm	optional	optional	optional	optional
<b>Casters (dual wheels)</b>						
Caster diameter (electroconductive)			150 mm	150 mm	150 mm	150 mm
Brakes rear			x	x	x	x
Brakes front			x	x	x	x

x = represents the values indicated in the column "Technical Data". Deviating values are entered separately. Values refer to the article number indicated in the corresponding line.

optional = Products that are not standard components of the listed equipment cart (UG220, UG210, UG120, UG110)



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THE DIAMOND STANDARD

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