

ELTRAC 471

TRACTION UNIT FOR LUMBAR AND CERVICAL TRACTION



The Eltrac 471 is a unique combination of computer technology, functional design and operational convenience. The unit is ideal for lumbar and cervical traction, continuous and intermittent traction.

The traction force of the Eltrac 471 can be set to continuous or intermittent. A special control must be pressed for traction forces above 200 N (appr. 20 kg). This safety system prevents the accidental application of unacceptable high traction forces during, for instance, cervical traction.

SAFETY

The control panel shows various parameters which can be selected with fingertip controls such as traction force, base force, base hold time and treatment time. The traction force is electronically measured and constantly monitored. A microcomputer compares the actual readings with the set values and immediately eliminates any differences. Patient movement is recorded and does not influence the traction force. The patient can gradually reduce the traction power to the minimum value (15 N) by simply pressing the safety stop switch.

- Continuous and intermittent traction
- Traction forces up to 900 N (appr. 90 kg)
- Safety control for traction forces above 200 N (appr. 20 kg)
- Constant electrical monitoring of the traction force
- Ideal to use in combination with the treatment couches Manumed Traction (see www.enraf-nonius.com/couches)

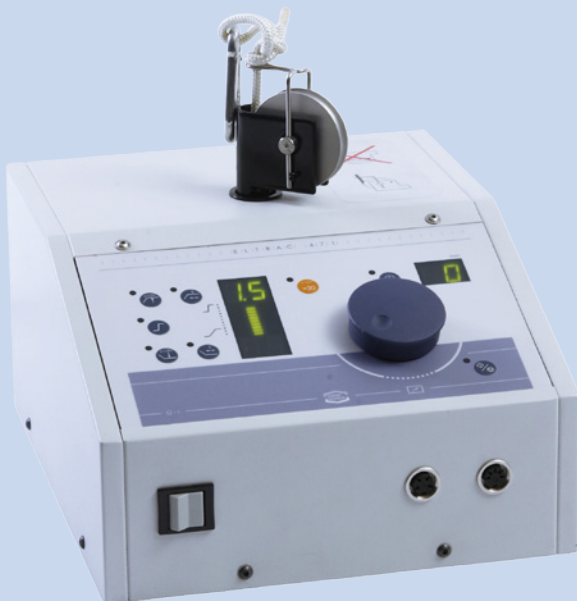


TRACTION THERAPY

Whether there is a herniated disc, degenerative disc disease, or maybe just a couple of pinched nerves - spinal decompression provides solutions for long-term pain problems. Spinal decompression can be achieved in several ways, but traction is one of the simplest and most effective methods. By means of traction therapy, the pressure between the vertebrae is affected. By decreasing the pressure through traction a mechanical effect on the nerves and a biophysical effect on the circulation and oxygen supply to the local structures is achieved. Traction can result in an instantaneous pain relief, but it can also lead to structural improvements for the long term.

ELTRAC 471

1471901 ELTRAC 471



TECHNICAL SPECIFICATIONS

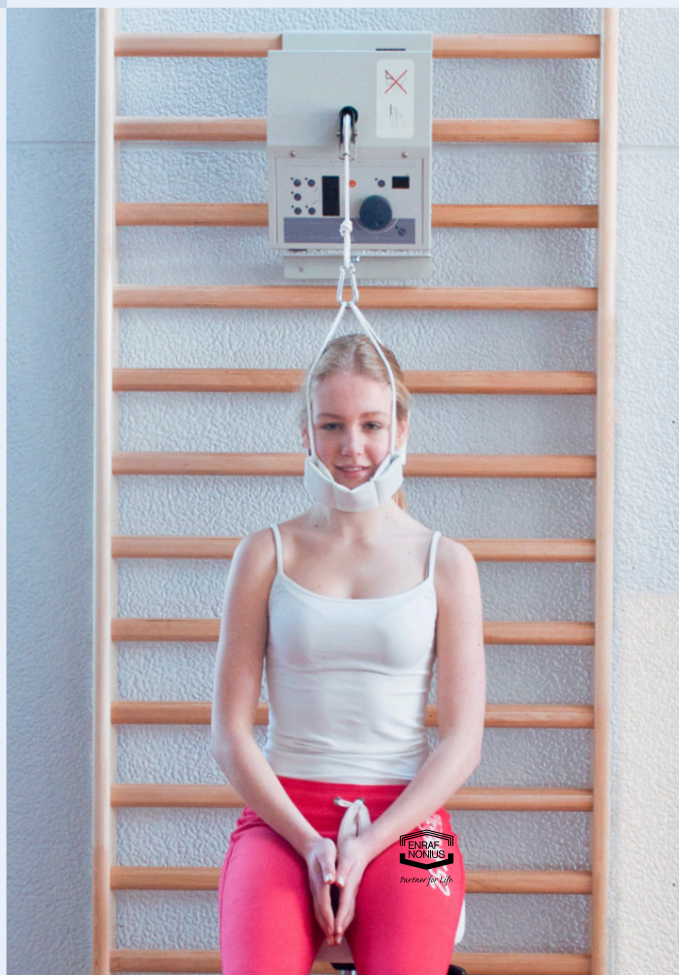
Types of therapy:	static traction, intermittent traction
Mains voltage:	230 V ± 15% (50/60 Hz)
Max. power consumption:	0.22A (230 V)
Dimensions:	302x262x155 mm
Weight:	12 kg



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 www.enraf-nonius.com

STANDARD ACCESSORIES

- 1471751 Operating manual Eltrac 471
- 3444290 Mains cable 230V-EUR
- 1471806 Nylon cord 170 cm with carabine hook, for Eltrac 471
- 1471801 Fixing knobs, set of 4, for Eltrac 471
- 1471800 Patient stop switch for Eltrac 471



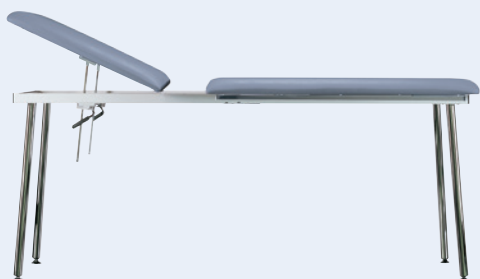
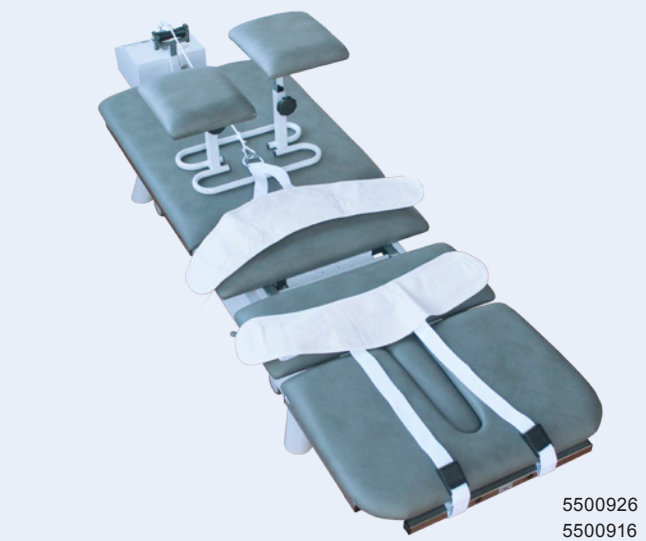
ACCESSORIES ELTRAC 471

OPTIONAL ACCESSORIES

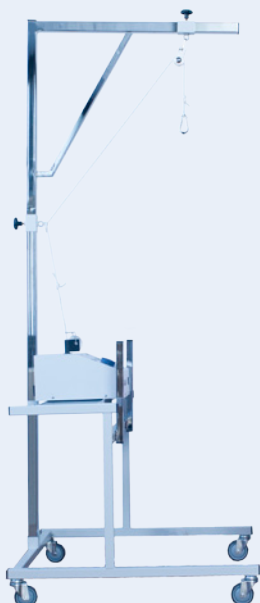
- 5500926⁽¹⁾ Manumed Traction 4-section (type 926)⁽¹⁾
- 5500916⁽¹⁾ Manumed Traction 4-section (type 916)⁽¹⁾
- 3450500⁽¹⁾ Manumed Traction 2-section, back, fixed height (type 004)⁽¹⁾
- 1471807 Remote control for Eltrac 471
- 3013014 Flexistool grey, with separate height adjustment for each leg
- 3447624 Padded neck harness, complete with spreader bar
- 1471802 Pulley for mobile traction frame (2 required)
- 3445022 Pelvic belt for Manumed Traction
- 3445021 Thoracic belt for Manumed Traction
- 3445512⁽²⁾ Mobile traction frame for cervical traction ⁽²⁾
- 1471805 Wall bar bracket, for mounting of Eltrac 471 to wall bars
- 3445038 Traction frame for Manumed Traction H/L (width 430mm)
- 3445020⁽²⁾ Traction frame Manumed Special Traction 3450500 (width 480mm)⁽²⁾

(1) = see our leaflet Manumed Traction for all options and accessories (download it from www.enraf-nonius.com/couches)

(2) = only for Manumed types 004 (Manumed Traction fixed height), 001 and 002 (Manumed Basic)



3450500



3445512



MANUMED TRACTION

For the application of lumbar and cervical traction therapy there is the Manumed Traction couch. The roller-mounted surface prevents friction below the hips and legs, so that the full traction force set is actually applied in the vertebral treatment. The Manumed Traction is available in two variants: with a fixed or adjustable working height. The variable-height traction couch also doubles as an ideal treatment couch, because the rolling sections can be locked in place.



- Rolling surfaces (can be locked in place)
- With mountings for the traction frame
- Fixation rails for belts come standard
- For use as a traction as well as a regular treatment couch



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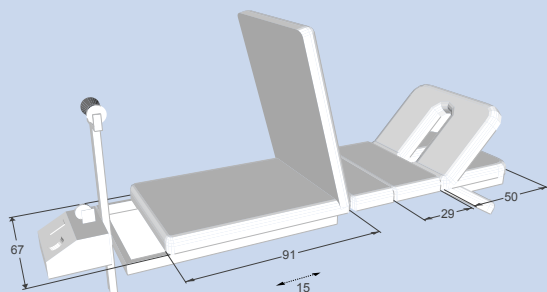
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MANUMED TRACTION

MANUMED TRACTION HEIGHT ADJUSTABLE



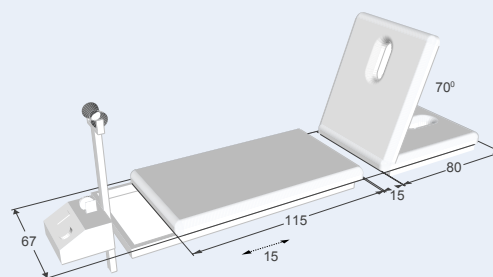
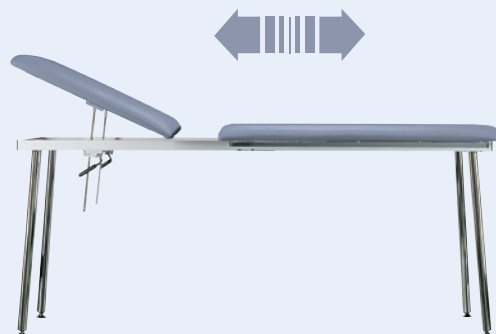
Type

- 916 Manumed Traction, hydraulic H/L
- 926 Manumed Traction, electric H/L

TECHNICAL SPECIFICATIONS 916 AND 926

Size tabletop (lxw): 203 x 67 cm
 Height adjustment: 45-95 cm
 Lifting time (min.-max.): approximately 18 sec.
 Lifting capacity: 200 kg
 (electrical motor optional 250 kg)
 Power supply: 120/230VAC 50/60 Hz
 Current consumption: 2.0 A max.

MANUMED TRACTION FIXED HEIGHT



Type

- 004 Manumed Traction, fixed height

TECHNICAL SPECIFICATIONS 004

Size tabletop (lxw): 195 x 67 cm
 Height: 83 cm
 Weight capacity: 150 kg



OPTIONS⁽¹⁾ MANUMED TRACTION

UPHOLSTERY	
Colour	Code
Black	012
Grey	013
Sirius Blue	004
Cornflower Blue	169
Turquoise	141
Lavender	199
Jade	155
Mint	138
Wine red	019
Signal red	139
Yellow	127
Beige	135
Black	811
Grey	812
Red	852
White	888
Blue	933
Beige	851

FRAME	
Colour	code
Grey	Ral 7035

A matching Enraf-Nonius couch for every interior. As in other practices, a pleasant ambience is important in physiotherapy practices. Clients must feel comfortable in the room where they are being treated. As each practice is furnished differently and has its own colour scheme, we regard it as important for the treatment couches to fit in with your look and feel. That is why we can manufacture our treatment couches in several frame and upholstery colours. The imitation leather can be supplied with a rugged or smooth finish.



Our imitation leather upholstery contains no phthalates and is flame retardant – a unique combination that makes this material suitable for medical use!



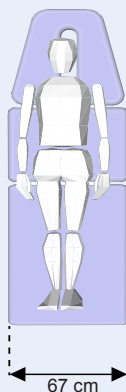
(1) = NOTE: Please order options together with the couch because of modification of the couch during production

OPTIONS⁽¹⁾ MANUMED TRACTION

UPHOLSTERY OPTIONS

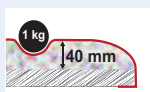
Section Width	Standard 4 cm thick	Rectangular shaped leg section
67 cm	s	s

s = standard



FOAM DENSITY:

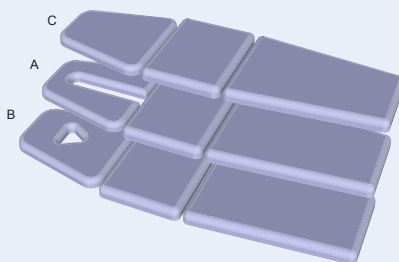
Standard: 38 Kg/m³



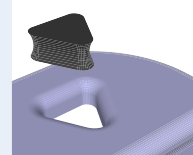
Standard

NOSE-HOLE

- A. Oblong nose-hole including plug (standard)
- B. Triangular shaped nose-hole (optional) excluding plug, please order seperately 1550813
- C. No nose-hole (optional)

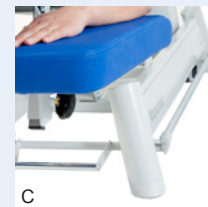
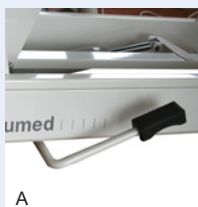


1550813



HEIGHT ADJUSTMENT

- A. Hydraulic (916) Footswitch (standard)
- B. Electric (926) Footswitch (standard)
- C. Electric (926) All-around (optional)



LIFTING CAPACITY

- A. Hydraulic - max. 200 kg (standard)
- B. Electric - max. 200 kg (standard)
- C. Electric - max 250 kg (optional)



OPTIONAL FEATURES

- A. Safety switch



(1) = NOTE: Please order options together with the couch because of modification of the couch during production

ACCESSORIES MANUMED TRACTION

PAPER ROLL HOLDER AND PAPER ROLLS

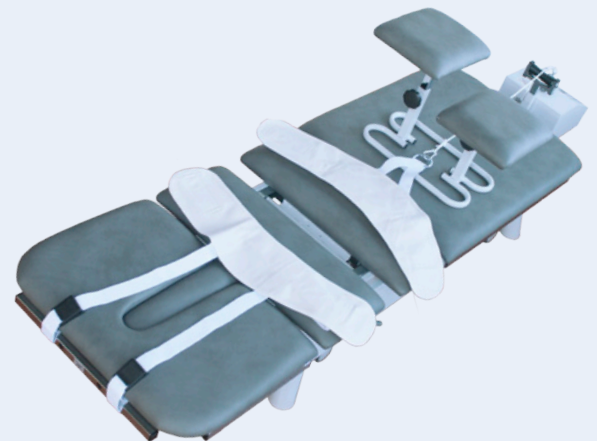
3445280	Paper roll stand (floor type) for 40, 50 & 60 cm rolls
3445284	Paper roll, width 40 cm, roll-length 150 m, per 5 rolls
3445278	Paper roll, width 50 cm, roll-length 150 m, per 5 rolls
3445279	Paper roll, width 60 cm, roll-length 150 m, per 5 rolls



TRACTION ACCESSORIES

3xx014	Flexistool grey, with separate height adjustment for each leg, available in 18 colours
3447624	Padded neck harness, complete with spreader bar
1471802	Pulley for mobile traction frame (2 required)
3445022	Pelvic belt for Manumed Traction
3445021	Thoracic belt for Manumed Traction
3445512 ⁽¹⁾	Mobile traction frame for cervical traction ⁽¹⁾
1471805	Wall bar bracket, for mounting of Eltrac 471 to wall bars
3445038	Traction frame for Manumed Traction H/L (width 430mm)
3445020 ⁽¹⁾	Traction frame Manumed Traction type 004 (width 480mm) ⁽¹⁾

(1) = only for Manumed types 004 (Manumed Traction fixed height), 001 and 002 (Manumed Basic)



ACCESSORIES MANUMED TRACTION

FIXATION STRAPS

- 3445023 Fixation strap with velcro fastener 120 cm
- 3445014 Fixation strap with velcro fastener 160 cm
- 3445015 Fixation strap with velcro fastener 240 cm
- 3445475 Fixation strap with safety lock 250 cm
- 3445474 Fixation strap with safety lock 350 cm



3445023



3445014 / 3445015



3445474 / 3445475

MISCELLANEOUS

- 3446261 Set of 3 exercise stools, 50 x 38 x 32 cm, 40 x 32 x 21 cm and 30 x 22 x 14 cm



3446261



ACCESSORIES MANUMED TRACTION

STOOLS (AVAILABLE IN 18 DIFFERENT COLOURS)

3xxx010	Stool, height adjustable 40-53 cm
3xxx011	Stool, mobile, height adjustable 59-85 cm
3xxx012	Stool, mobile, provided with footrest, height adjustable 59-85 cm
3xxx013	Stool, mobile, anatomic seat, height adjustable 43-56 cm
3xxx020	Stool, mobile, saddle seat, height adjustable 59-85 cm
3496561	Set of 5 soft wheels for mobile stools, perfectly suited for smooth surface



ROLLS AND CUSHIONS

3xxx001	Halfroll, flat bottom, especially for the knee ⁽¹⁾	27x16x18 cm
3xxx002	Halfroll, flat bottom, small, especially for the ankle ⁽¹⁾	28x9x11 cm
3xxx003	Halfroll, flat bottom, large ⁽¹⁾	56x16x18 cm
3xxx021	Halfroll, flat bottom ⁽¹⁾	50x18x10 cm
3xxx022	Halfroll, flat bottom ⁽¹⁾	56x25x15 cm
3xxx023	Massage roll ⁽¹⁾	50x Ø15 cm
3xxx004	Neck cushion, hourglass type ⁽¹⁾	30x15 cm
3xxx005	Massage cushion ⁽¹⁾	34x27x8 cm
3xxx006	Face cushion, with breathing hole ⁽¹⁾	40x20x15 cm
3xxx015	Wedge shaped cushion ⁽¹⁾	50x30x15 cm
3xxx016	Wedge shaped cushion ⁽¹⁾	50x40x30 cm
3xxx024	Wedge shaped cushion ⁽¹⁾	50x40x12 cm
3xxx017	Exercise roll ⁽¹⁾	100xØ30 cm
3xxx029	Plug for nosehole, small ⁽¹⁾	13x9 cm
1550813	Plug for nosehole, triangular shaped (only available in black)	16,5 x 21 cm
3445297	Wedge shaped, Kaltenborn, rubber model (only available in black)	22,5 x 10,5 x 8,5
3446161	Support bag with sand 1,2 kg ⁽²⁾	15x25 cm
3446162	Support bag with sand 2 kg ⁽²⁾	18x27 cm
3446166	Support bag with sand 4 kg ⁽²⁾	25x35 cm
3446167	Support bag with sand 7 kg ⁽²⁾	30x45 cm

(1) = Available in 18 different colours

(2) = Available in grey 013 colour only



012
013
004
169
141
199
155
138
019
139
127
135
811
812
852
888
933
851