

CT160T

Mobile radiographic table with cantilever carbon fibre table top



Equipment description and use

Mobile radiographic table, with floating, elevating and tilting carbon fibre patient table top, used to support and position the patient in the radiographic examinations of traditional and digital angiography, in electrophysiology, in the minor surgery and pace-makers emplacement.

The table can be coupled with ceiling or floor mounted C arm in fixed systems or with "C" arc of mobile units. The patient table top is moved manually and by motor when it is out of the horizontal position. An ergonomically designed grip, with an incorporated push-button to unblock the brakes, permits movement of the table top easily to the four directions even if it is loaded with a heavy patient. The patient table top braking is obtained by permanent magnet safety brakes.

Near the grip of the control box, that can be positioned on both sides of the patient table top, there are the push- buttons to control the brakes and the motorized movements.

A complete set of accessories to be fixed to the patient table top is available on request.

Features

Table top	in carbon fibre
• Profile	rectangular (or anatomic on request)
• Overall length	210 cm (82.7 in)
• Length of transparent area	160 cm (63 in)
• Part free from metal structure	113,2 cm (44.6 in)
• Overall width	61,8 cm (24.3 in)
• Width of transparent area	58,0 cm (18 in)
• Thickness	3,3 cm (1.3 in)
• Absorption in mm Al equivalent	0,7 (0.028 in)
• Patient's max weight	150 kg (330 lb)
• Fixing of the accessories	on Al lateral rails
• Fixing of the accessories	on carbon fibre top edge
Lateral movement	manual
• Travel	± 14 cm (± 5.5 in)
• Locking device	permanent magnet brake
• Manual moving effort (without patient)	≤ 10 N (≤ 2.25 lb)
Longitudinal movement	manual and motorized
• Travel	100 cm
• Locking device	permanent magnet brake
• Manual moving effort (without patient)	≤ 15 N (≤ 3.37 lb)
• Max. speed by motor	7 cm/s
• Max. cantilever	160 cm (63 in)
Vertical movement	motorized
• Minimum distance from floor	82 cm (32.3 in)
• Travel	28 cm (11 in)
• Average speed	1,3 cm/s (0.5 in/s)
Tilting movement	motorized
• Tilting angle	± 20°
• Speed	1,5°/s
On board control panel	
• Manual floating top / brakes release	by hand grip / push button
• Motorized movements control	by push buttons
Power requirements	
• Single phase line voltage	230 V 50/60 Hz (115V on request)
• Max absorbed power	750 VA
Weight	335 kg (740 lb)
Standard colour of painted parts	RAL 9002
Equipment identification	according EN 60 601
Directive	93/42/CEE (class I)
• Classification	class I type B
• Typology of installation	mobile unit
• Working mode	continuous with intermittent load
Transport and stock environment	
• Temperature range	0 °C to 50 °C (32 °F to 122 °F)
• Relative humidity range (without condensing)	10% to 90%
• Atmospheric pressure range	50 - 110 kPa (7.25 PSI to 15.95 PSI)
Operating environment	
• Temperature range	10 °C ÷ 40 °C (50 °F to 104 °F)
• Relative humidity range	30% ÷ 75%
• Atmospheric pressure range	70 - 110 kPa (10.15 PSI to 15.95 PSI)

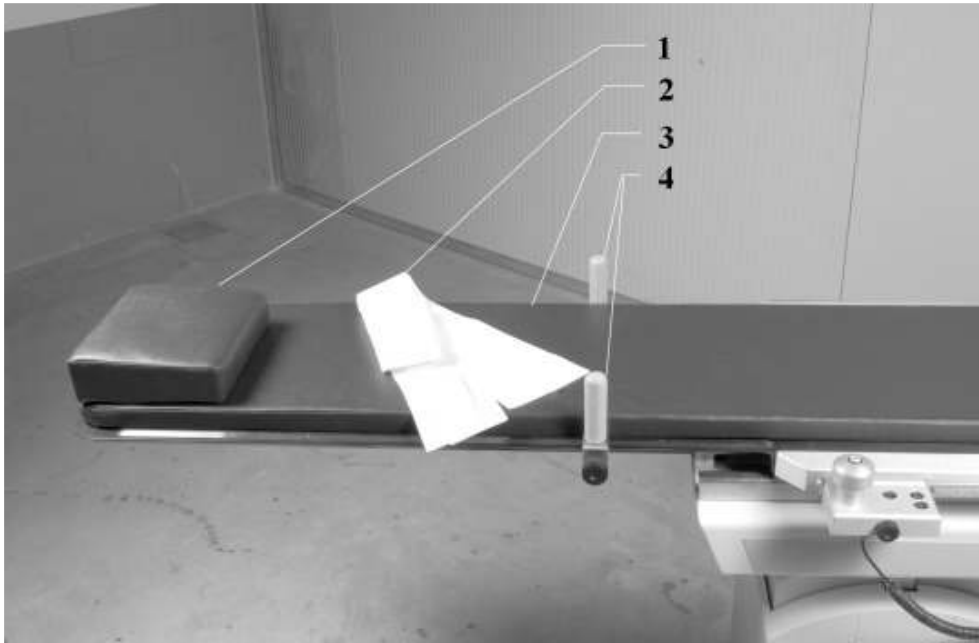
Accessories

CTA007-A	Top foam rubber mattress (whole profile)	CTA013	Pair of table top lateral extensions
CTA009-A	Top foam rubber mattress (anatomic profile)	CTA038	Pair of table top lateral extensions 75 x 11 cm
CTA003	Patient arm support (to be completed with accessory fixing clamp CTA021)	CTA071	Lower body protector
CTA004	Flebo support (to be completed with accessory fixing clamp - CTA020 or CTA070)	CTA042	Jointed extension of protective shield support arm
CTA005	Pair of patient hand grips	CTA031	Removable upper body protector h= 17 cm
CTA006	Set of 3 Velcro belts	CTA037	Removable upper body protector h= 25 cm
CTA008	ECG head support	CTA036	Patient footrest (complete of clamps for fastening to the lateral bars)
CTA021	Clamp for accessories fixing to carbon fibre top edge	CTA041	30x25x8 cm headrest cushion
CTA070	Clamp for accessories fixing to steel lateral rail	CTA043	Polycarbonate extension for catheters supporting 56x80 cm (table top foot side fixing)
CTA032	Shoulder rest	CTA044	Backrest lateral support (table top carbon edge fixing)
CTA034	Anaesthesia screen support (to be completed with accessory fixing clamp CTA021 or CTA070)	CTA045	Pair of legs support (complete of carbon fibre clamps)

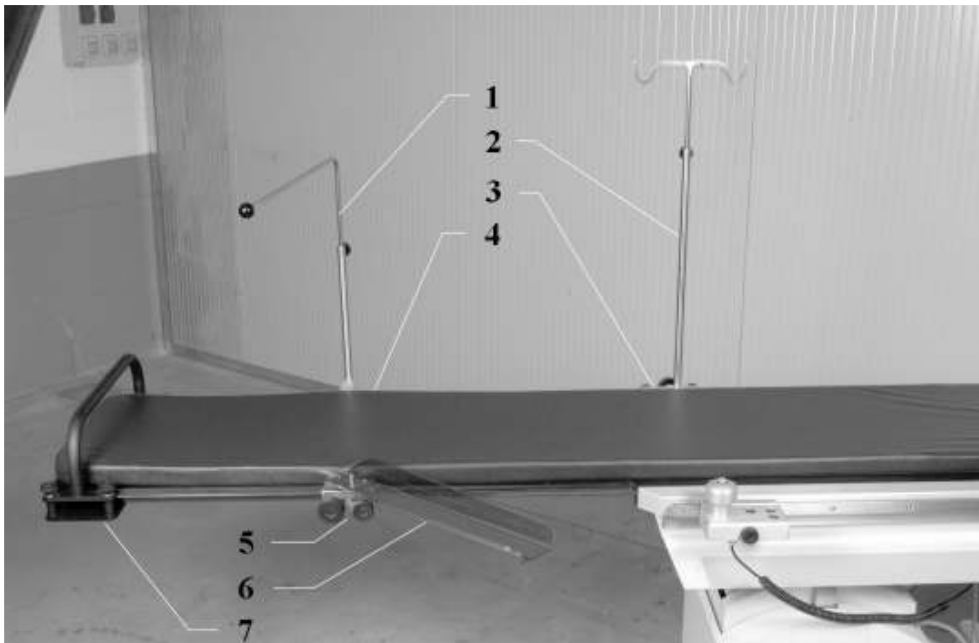
CTA035	Head side patient handle bar	
--------	------------------------------	--

Options

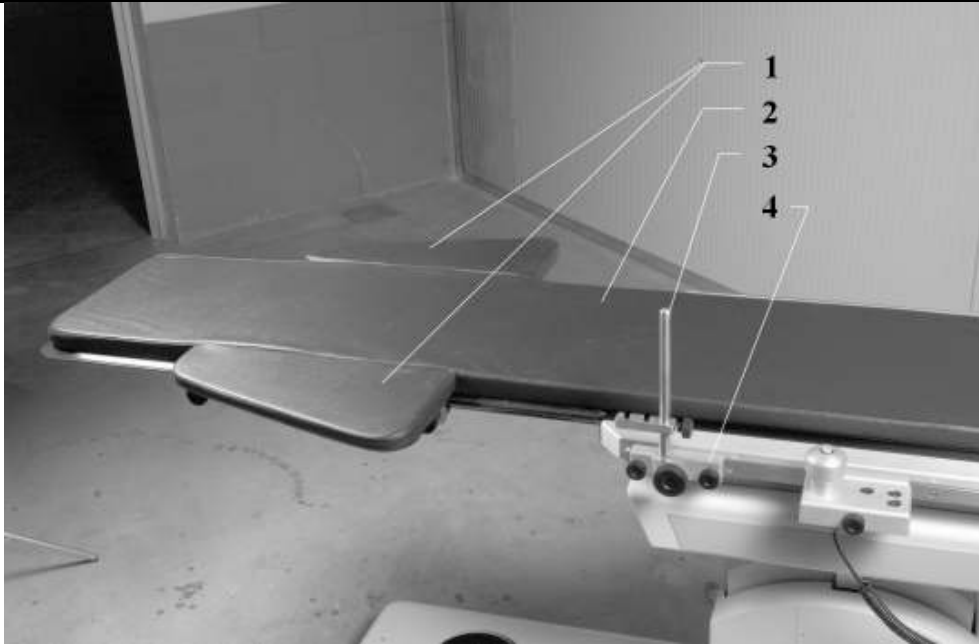
CTA001	Table under-floor fixing frame
CTA002	Table on wheels
CTPA01	Table top with anatomic profile



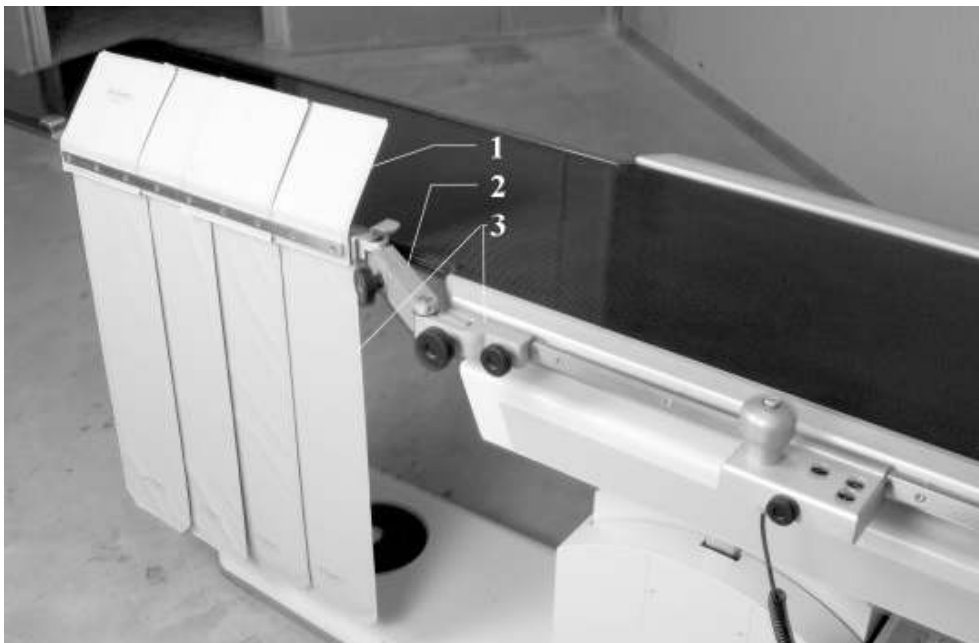
Pos.	Description	Code
1	Headrest cushion 30x25x8 cm	CTA041
2	Set of 3 Velcro belts	CTA006
3	Top foam rubber mattress (whole profile)	CTA007
4	Pair of patient hand grips	CTA005



Pos.	Description	Code
1	Anaesthesia screen support (to be completed with accessory fixing clamp CTA021 or CTA070)	CTA034
2	Flebo support (to be completed with accessory fixing clamp - CTA020 or CTA070)	CTA004
3	Clamp for accessories fixing to steel lateral rail	CTA070
4	Top foam rubber mattress (whole profile)	CTA007
5	Clamp for accessories fixing to carbon fibre top edge	CTA021
6	Patient arm support (to be completed with accessory fixing clamp CTA021)	CTA003



Pos.	Description	Code
1	Pair of table top lateral extensions	CTA013
2	Top foam rubber mattress (whole profile)	CTA007
3	ECG head support	CTA008
4	Clamp for accessories fixing to steel lateral rail	CTA070

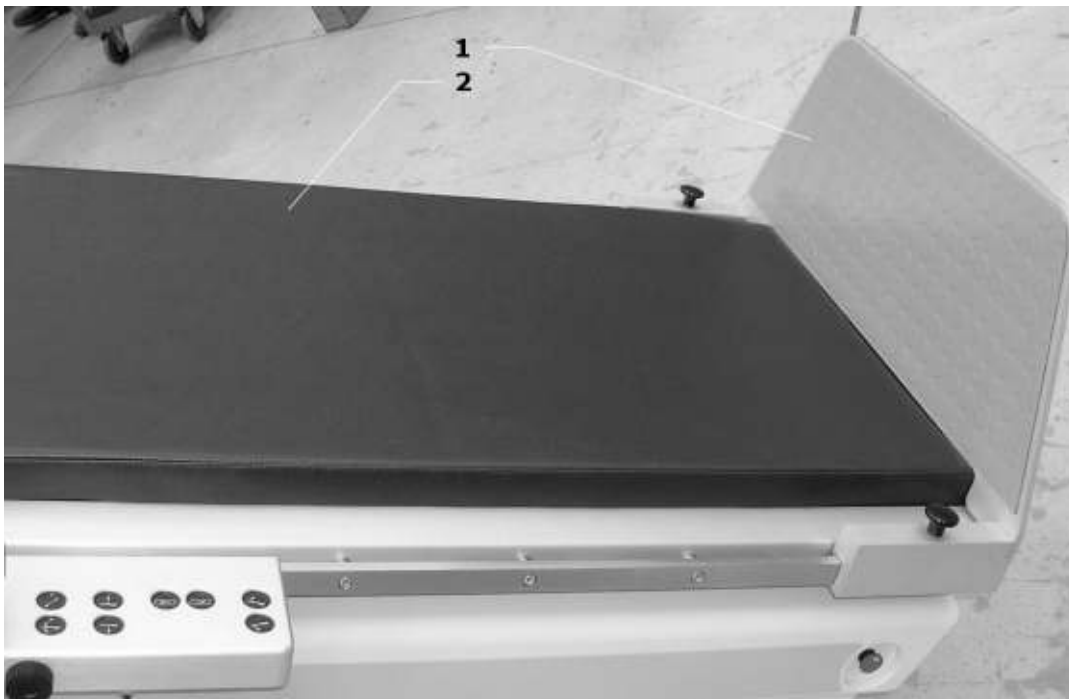


Pos.	Description	Code
1	Removable upper body protector, h=17	CTA031
1*	Removable upper body protector, h=25	CTA037
2	Jointed extension of protective shield support arm	CTA042
3	Lower body protector	CTA071

* In the picture the rising of 17 cm is shown.



Pos.	Description	Code
1	Shoulder rest	CTA032
2	Pair of table top lateral extensions 75 x 11 cm	CTA038
3	Top foam rubber mattress (whole profile)	CTA007
4	Polycarbonate extension for catheters supporting 56x80 cm (table top foot side fixing)	CTA043



Pos.	Description	Code
1	Patient footrest (complete of clamps for fastening to the lateral bars)	CTA036
2	Top foam rubber mattress (whole profile)	CTA007

M.T. Medical Technology S.r.l. Via Friuli, 6/2 – 20046 Biassono MI

☎ 39 039 2494841
e-mail mt@emmetisrl.com

☎ 39 039 2499003
web <http://www.emmetisrl.com>



