



visitor T30 C

Mobile X-ray unit with 32 kW rotating anode monobloc

Product Data

X-ray generator

Technology	Microprocessor managed control panel
Frequency	High frequency generator 40 kHz
Ripple	< 2%
Power	32 kW max. power
Monobloc thermal capacity	500 kJ (667 kHU)
Operating modes	2 points technique (kV / mAs settings)
kV range	40 ÷ 125 kV (1 kV steps)
mA range	50 – 400 mA according to kV selection
mAs range	0.1 – 220 mAs (12.5% steps)
Exposure time range	0.001 – 2.2 s (according to mAs selection)
Exposure controls	- X-ray handswitch with extensible cable. - Remote control (optional)
User's interface	Keyboard with alphanumeric LCD display for all operative parameters and messages of possible anomalous conditions
Service program	Dedicated application for technical assistance: - unit parameters configuration - warnings management - X-ray tube seasoning and calibration - DAP calibration
Safeties	Breaker circuit for mains overloads, filament current, monobloc temperature, overload, max kV or HV fault, check of the stored data, microcontroller auto test
Anatomic programs	Storage of 36 anatomic programs

X-ray tube

Type	Rotating anode, 3000 rpm
Focal spots	0.8 / 1.3 mm
Nominal focus power	16 kW small focus; 32 kW large focus
Anodic diameter	64 mm
Anodic angle	15°
Anode material	RTM
Max. continuous anode dissipation	300 W
Anode thermal capacity	80 kJ (107 kHU)



Collimator

Collimation	Manual collimator with internal light source, multilayer, square field
Light source	High brightness power led cluster
Timer	30 s light timer
SID measurement	Extractable meter for SID measure
Collimator rotation	$\pm 120^\circ$
Additional filtration by manual selection	1 mm Al + 0.1 mm Cu; 1 mm Al + 0.2 mm Cu; 2 mm Al

Mechanical features

Wheels diameter	80 mm front; 250 mm rear
Max. length in transport position	1368 mm
Max. height in transport position	1500 mm
Max. width in transport position	618 mm
Handle height	961 mm
Focus-floor distance	417 – 2055 mm
Monobloc rotation around sagittal axis	$\pm 180^\circ$
Monobloc rotation around transversal axis	$-4.9^\circ \div +102^\circ$
Cassette holder	Five cassettes 35x43 cm format
Weight	170 kg

Electrical features

Power supply	115 / 230 Vac $\pm 10\%$, 50/60 Hz
Max. line resistance	$< 1 \Omega$
Connection to standard mains outlet	16 A @ 230 Vac

Environmental conditions

Operating conditions	Temperature: from $+10^\circ$ to $+40^\circ$ Celsius Humidity: from 30% to 75% non condensing Pressure: from 700 hPa to 1060 hPa
Conditions for transport and storage	Temperature: from -25° to $+70^\circ$ Celsius Humidity: from 10% to 90 % non condensing Pressure: from 500 hPa to 1060 hPa

Accessories

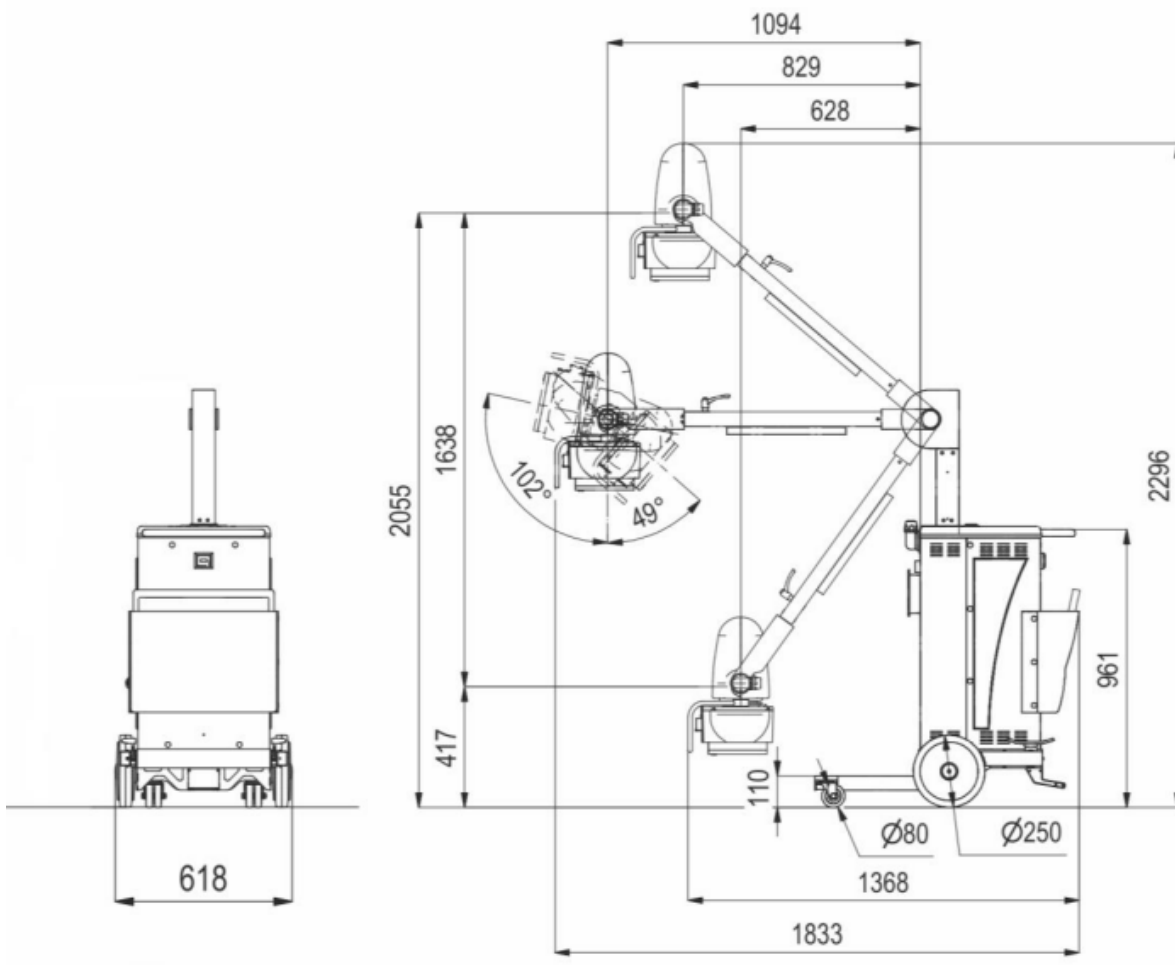
DAP chamber dosimeter	Option
DAP printer	Option
Remote control	Option



Standard and regulations

 0051	CE symbol grants the product compliance to the European Directive for Medical Devices 93/42/EEC and its revised versions as a class IIB device
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Dimensions (all quotes in mm)



Note: Products are continuously under review in the light of technical advancement. The actual specification may therefore be subject to improvement or modification without notice.

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Company with Quality System certified by



ISO 9001:2015



ISO 13485:2016