

SIEMENS

MOBILETT Plus HP QUALITY BEDSIDE IMAGING



The new cordless MOBILETT Plus
with Hybrid Power Technology

MOBILETT Plus HP

- the most powerful and compact cordless mobile in the industry



Superior Image Quality

30kW, 360 mAs, 1ms

Effortless maneuvering

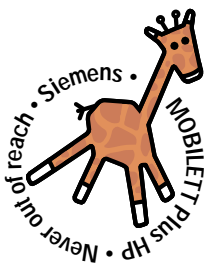
Compact lightweight design, 285 kg

Fast and easy positioning

Double articulated counter-balanced, cablefree swivel arm for the widest usable arm-range in the industry

Easy to clean

Smooth surfaces without exposed cables



X-ray generator and controls

Mains voltage:	100 – 130 V \pm 10%, 50/60 Hz, fuse 15 A
	200 – 240 V \pm 10%, 50/60 Hz, fuse 10 A
Batteries:	16 sealed maintenance free lead batteries
	20 000 mAs usable battery power storage
	Automatic battery charging with charge indicator
	Mains operation with reduced output
Output:	30 kW at 96 kV 10 ms
	20 kW at 102 kV 100 ms
	(acc. to IEC 601-2-7/1987)
	133 kV (maximum)
	450 mA (maximum)
kVp-range:	40 – 133 kV in 25 steps
Accuracy:	< \pm 3 kV (40 – 60 kV)
	< \pm 5% (60 – 133 kV)
mAs-range:	0,5 – 360 mAs / 40 – 50 kV
	0,5 – 320 mAs / 52 – 73 kV
	0,5 – 280 mAs / 77 – 90 kV
	0,5 – 25 mAs / 96 kV
	0,5 – 16 mAs / 125 kV
	0,5 – 12,5 mAs / 133 kV
mAs accuracy:	\leq 1 mAs < \pm 10%
	> 1 mAs < \pm 5%
Shortest exposure time:	1 ms
Max. exposure time:	4.0 s
Length of power cord:	6 m automatic retractable cord

Tube housing assembly

X-ray tube:	Siemens P135/30 R with nominal focal spot value 0.8 (acc. to IEC 336)
Anode rotation:	8,500 r.p.m., 150 Hz (anode angle 15°)
Anode heat storage capacity:	90 000 J = 122 000 HU
Tube housing capacity:	800 000 J = 1 100 000 HU
Inherent filtration totally:	Min. 3.8 mm Al according to IEC 522/1976
Collimator:	Manually-adjustable multi-leaf collimator, rotatable \pm 90°
Collimator light and light field intensity:	Halogen lamp min. 180 lux at 1 m SID
Tube housing assembly:	Maximum temperature 60°C, maximum 2000 mAs/h, nominal continuous rating 75 W until the covers reach 60°

Motordrive

Drive speed	Low/high, adjustable 0,5 – 1 m/s
Max. incline	7°

Weight

285 kg (628 lbs)

Dimensions

Footprint (l x w x h) (tube in park position)	104 X 56,4 X 157 cm (41 X 22 X 61,8 inch)
Tube positioning	Maximum focal spot height 2145 mm (84,4 inch)
	Minimum focal spot height 470 mm (18,5 inch)
	Maximum horizontal extension 1280 mm (50,4 inch)
	Minimum horizontal extension 316 mm (12,4 inch)

Siemens reserves the right to modify the design and specifications contained herein without prior notice. Please contact your local Siemens Sales Representative for the most current information.

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