



The **Siemens Mobilett Plus HP** is a portable x-ray machine that offers a dual power source for radiation exposure. The Mobilett Plus HP offers the option to run the system off battery or by a standard AC power source. The portable x-ray system is a compact, lightweight design that allows for fast and easy positioning. With a longer-reaching swivel arm and the Siemens' turn plate design, the system can pivot 360 degrees. The Mobilett Plus system produces high radiographic output, which can shorten the exposure time and reduce motion artifacts.

Features

- Digital Control on an LED operating console
- X-ray output 40-133 Kv, 0.5-280 MaS
- X-ray Head rotates, swivels and angles
- Can operate off of a builtin rechargeable battery or while plugged into wall power
- Can be used ICU, Coronary care, Neonatal, burn, surgery, pediatrics, and ER
- Maximum output is 20kW at 102 Kv, 100 MS
- Built -in Battery charge meter
- Overview picture from operators panels
- battery charge level display



Specifications

Dimensions

Height: 6.8 in (157 cm)
Width: 22 in (65.4 cm)
Length: 41 in (104 cm)
Weight: 628 lbs (285 kg)

Tubing positioning dimensions

Maximum focal spot height: 84.4 in (2145 mm)
Minimum focal spot height: 18.5 in (470 mm)
Maximum horizontal extension: 50.4 in (1280 mm)
Minimum horizontal extension: 12.4 in (316 mm)

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 100ms
(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 (40-60kV)
< \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

Shortest exposure time: 1 ms
Max. exposure time: 4.0 s
Length of power cord: 6m automatic retractable cord

