

Portable Systems



SP-HF-4.0 kW, 100 mA.

- **Large Wheels, Easy to Maneuver**
- **Gas Spring Arm, Ease of Positioning Tube**
- **Positive Mechanical Brakes**
- **Cassette Storage Box, 8 Cassettes**
- **15" to 81.5" Vertical Tube Travel**
- **Lightweight, 132 Lbs.**



SM-HF-B Mobile X-ray Units

- Specifications:
 - 20kW, 32kW, 40kW or 50kW available
 - Battery Assisted
 - Weight 1,190 lbs
 - 51.4" (L) x 26.7" (W) x 77.5" (H)
 - Cabinet which holds up to 10 cassettes



SM-HF-B Mobile X-ray Units

- **Tube Stand Column Mobile Unit**
 - **Two independent motors, one for each wheel**
 - **Excellent mobility with large rear wheels**
 - **Independent battery charge indicators for drive and generator**
 - **Anti-collision system, front and side**
 - **Emergency stop pushbutton**
 - **Tube stand column rotation plus/minus 280 degrees**
 - **Tube rotation plus/minus 180 degrees**
 - **Vertical tube from 21.7" to 80.7" from floor**
 - **Transverse tube travel 20.8"**

Battery Powered X-ray Generator

Model	SM-20HF-B	SM-32HF-B	SM-40HF-B	SM-50HF-B
Constant Potential kW ratings	20	32	40	50
kVp Range in 1 kVp steps ^{(*)Optional}	40 to 125/150(*)	40 to 150	40 to 150	40 to 150
Accuracy	±(3% +1kVp)	±(3%+1kVp)	±(3% +1kVp)	±(3%+1kVp)
mA Range	10 - 320	10 - 500	10 - 500	10 - 500
Number of Stations	16	18	18	18
Accuracy	±(4%+1mA)	±(4%+1mA)	±(4%+1mA)	±(4%+1mA)
Exposure time range	0.001 – 10 sec.	0.001 – 10 sec.	0.001 – 10 sec.	0.001 – 10 sec.
Accuracy	±(2% +0.1ms)	±(2% +0.1ms)	±(2% +0.1ms)	±(2% +0.1ms)
mAs range	0.1 – 500 mAs	0.1 – 500 mAs	0.1 – 500 mAs	0.1 – 500 mAs
Operation independent from mains supply	Standard	Standard	Standard	Standard
Batteries Capacity at full charge (maximum charge time 10 hours)	Up to 200 exposures of 160 mAs (i.e 70 kVp, 320 mA, 0.5 sec) Storage Capacity: 80,000 mAs @ 100 KVp			
Collimator	Manual with electronic timer and meter			
Anatomical programmer	492 views	492 views	492 views	492 views
Automatic exposure control	Optional	Optional	Optional	Optional
Connection for bucky	Optional	Optional	Optional	Optional
Remote wireless hand-switch	Optional	Optional	Optional	Optional
Line voltage range and phases	Single-Phase Line Automatic Regulation from 100 - 240 Vac (+/-10%)			
X-Ray Tube (rotating Anode)	Low speed	Low speed	Low speed	Low speed
Focal spots	0.3 / 1.0	0.3 / 1.0	0.6 / 1.2	0.6 / 1.2
KHU / kVp	140 / 150	140 / 150	150 / 150	150 / 150
Target angle	12°	12°	12°	12°
Optional tube				
Focal spots	0.6 / 1.2	0.6 / 1.2	0.6 / 1.2	0.6 / 1.2
KHU / kVp	300 / 150	300 / 150	300 / 150	300 / 150
Target Angle	12°	12°	12°	12°
Motor Driven Unit	Standard	Standard	Standard	Standard
Weight	541 Kg	541 Kg	541 Kg	541 Kg