

Pioneer in Imaging

www.med-works.in



**MED
WORKS**

www.med-works.in

High Frequency Mobile Digital Radiography System

AIRPOLE SERIES



Korean Technology



AIRPOLE 100

110kV, 100mA, 5kW, 1.8 mm

Compact & Seek design for convenient movement

Ultra High Frequency Generator

Touch Display for ease of operation



AIRPOLE 100+

110kV, 100mA, 5kW, 1.8 mm

Ultra High Frequency Generator

LCD Display with APR for ease of operation

High Quality diagnostic Images with Low Radiation Dose



AIRPOLE 100BT

110kV, 100mA, 5kW, 1.8 mm

Ideological design for mobile application and steady base with Rotating Wheels

High Frequency X-Ray Generator with Dual Operating Panels

Battery Operated



AIRPOLE 300

125kV, 300mA, 15kW,
1.0 x 2.0 mm

90° Rotating tube Stand for
Easy of Handling & Movement

High Frequency Generator

Replacement of Fixed
Radiography systems



Specifications	AIRPOLE-100	AIRPOLE-100Plus
kV Range	40 kV - 110 kV	40 - 110kV
Maximum mA	120mA	100mA
Maximum mAs	1 - 200mAs	0.32 - 200mAs
Exposure Time	0.03S - 5S	0.01 - 4.1S
Focal Spot Size	1.8 mm IEC	1.8 mm IEC
Target Angle	15°	15°
Generator Type	UHF	UHF
Output Power	5kW	5kW
Leakage Radiation	<1mGy in one hour/ (100mR/hr)	<1mGy in one hour/ (100mR/hr)
Anode Heat Storage	30kJ	30kJ
Display	Keypad Display with APR and Exposure Switch	Keypad Display with APR and Exposure Switch
Collimator	Manual Collimator with LED bulb	Manual Collimator with LED bulb
Weight	< 75 kg	< 90kg
Battery	-	-
Input Power	180V AC - 260V AC , 15 A	180V AC - 260V AC , 15 A

Specifications	AIRPOLE-100BT	AIRPOLE-300Plus
kV Range	40-110kV	40-125kV
Maximum mA	100mA	300mA
Maximum mAs	0.1-100mAs	0.4-320mAs
Exposure Time	0.01 - 4.1S	0.004 ~ 6.0 sec in 33steps
Focal Spot Size	0.6mm □ 1.8mm	1.0 x 2.0 mm
Target Angle	15°	16°
Generator Type	Invertor	High frequency
Output Power	5kW	15kW
Leakage Radiation	<1mGy in one hour/ (100mR/hr)	<1mGy in one hour/ (100mR/hr)
Anode Heat Storage	30kJ	100KJ
Display	7 Segment with APR and Exposure Switch	7 Segment with APR and Exposure Switch
Collimator	Digital	Digital
Weight	< 100kg	< 150kg
Battery	12VDC /24A X 4EA	-
Input Power	180V AC - 260V AC , 15 A	180V AC - 260V AC , 15 A



AIRPOLE 100



AIRPOLE 100+



AIRPOLE 100BT



AIRPOLE 300



MEDWORKS SOLUTIONS PVT LTD

89, Mahia Industrial Estate, Uranganpatti,
Madurai - 625 020. Tamilnadu, India.

☎ 0452 - 2323307, 0452 - 2424077

☎ 93445 33077, 98421 33077

✉ Info@med-works.in

🌐 www.med-works.in

