

Pioneer in Imaging
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High Frequency Mobile Digital Radiography System

AIRPOLE SERIES



Korean Technology



AIRPOLE 100

110kV, 100mA, 5kW,
0.6 x 1.8 mm

Compact & Sleek design for
convenient movement

Ultra High Frequency
Generator

Touch Display for
ease of operation



AIRPOLE 100+

110kV, 100mA, 5kW,
0.6 x 1.8 mm

90° Rotating tube arm for
user friendly convenient

Ultra High Frequency
Generator

Touch Display for
ease of operation



AIRPOLE 100BT

110kV, 100mA, 5kW,
0.6 x 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,
2.0 x 1.0 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	100mA	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	Touch Display with APR and Exposure Switch	Touch 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



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