



Diagnostic X-Ray High-Voltage Generator

Stationary DR System / DMP-200 Series

Features

- 450-kHz high frequency performance
- Flat design for low-bed applications
- Energy storage pack inside
- Universal 100–240 VAC input
- Connects to AEC/DAP peripherals



Hospital



Clinic



DELTA

Low-bed X-ray generator for diagnosis involving mobility-impaired patients

The DMP-200 applies a flat design for medical low-bed DR systems. The unit is useful for applications where space constraints are a major consideration, such as when performing diagnosis on elderly people and those with disabilities. With 450-kHz high-frequency performance, it improves image quality by effectively reducing ripple and noise. Combined with a universal 100–240 VAC input standard, 2-speed motor starter, and AEC/DAP peripheral connectivity, it satisfies the needs of medical equipment system manufacturers.

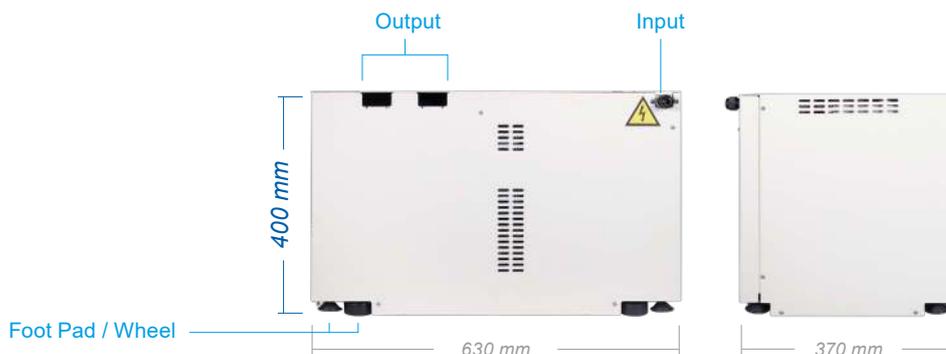


Specification

| Model Name | DMP - 200 |
|-----------------------|--|
| Input / Output | 32kW |
| Input Voltage | 100 VAC - 240 VAC 1Φ |
| Input Current Range | 15 - 10 A |
| Input Frequency | 50 Hz / 60 Hz |
| Tube Voltage | 40 - 150 kV |
| Tube Current | 10 - 400 mA |
| mAs | 42 kV / 100 mAs 、 125 kV / 32 mAs 、 32 kW / 100 ms max |
| Exposure Time | 1 - 6300 ms |
| Output Filtering | < 1kV @ 110 kV |
| Hardware | |
| Automatic Calibration | Standard feature |
| AEC Support | Optional |
| DAP Support | Optional |
| Auxiliary Power | 24 VDC / 2A, 24 AC / 6A, 110 VAC / 2A or 220 VAC / 1A |
| Digital Control Panel | Optional |
| APR | 192 Preset, User Programmable |
| Dimension (W x H x D) | 630 x 400 x 370 mm |
| Weight | 60 kg |
| Certificate | |
| Safety | IEC60601-1 3 rd edition with Amendment 1; IEC60601-2-54; ISO 14971:2007_2012_2016, IEC 62304 : 2006, Amd.1:2015, IEC60601-1-3 2008/Amd.1 : 2013 |
| EMC | IEC 60601-1-2 4 th edition compliance |

* All specifications are measured at 25°C unless otherwise specified.

Mechanical Drawing



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