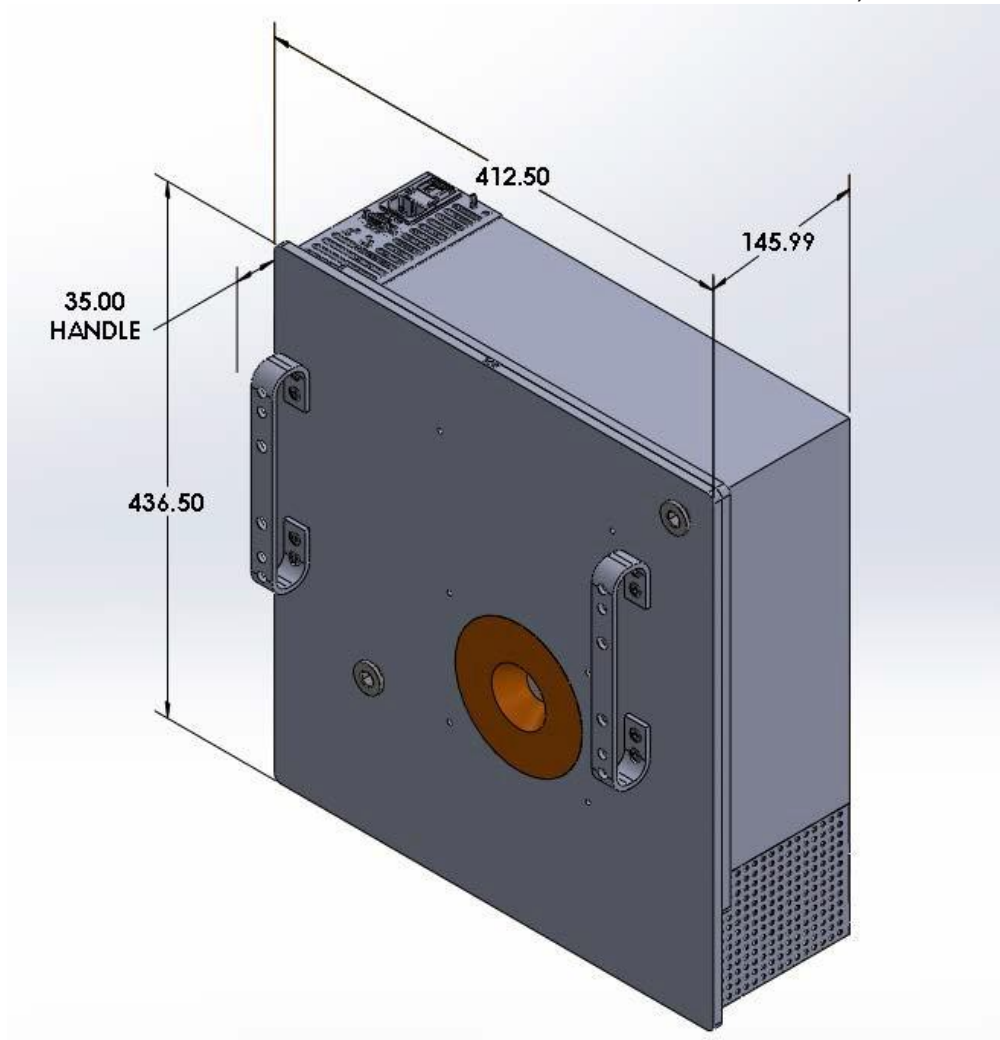


Features Include

- **Up to 160kV and 150W**
- **Small focal spot**
- **Wide angle cone beam**
- **Operates in any orientation**
- **Removable handles**
- **Maximum thermal protection** enables continuous operation.
- **Easy operation** runs on a standard 120V outlet, communication via RS-232

Our **Integrated X-Ray Generator** incorporates a high voltage power supply with a mini-focus X-Ray tube in a single compact housing, eliminating the need for high voltage cable.

Ideally suited for industrial CT imaging applications, providing non-destructive visibility into internal features, or for medical applications requiring high resolution.



SPECIFICATIONS

Voltage Range	80kV-160kV
Max. Power	150W
Input Power	120-240 VAC/4A
Attenuation	Glass (2.2mm) + Oil (8mm) + PEEK (2mm)
Beam Angle	30 ° & 40 °
Focal Spot	150µm
FOD (spot to window spacing)	69mm (2.7in)
Target Material	Tungsten
Weight	42kg (92lbs)
Communication Interface	RS-232C (9-pin D-sub connector)
Operation Ambient Temp.	+10° to +40°C (28°C @ 150W continuous)
Low frequency ripple	+/- 0.2%-0.25% (P-P) of the total kV.
Voltage Line Regulation	Load: ±-0.25% of Max Voltage, no Load to Full Load Line: ±-0.25% of Max Voltage Over Input Voltage Range
Current Line Regulation	Load: ±-0.25% of Max Current Over Output Voltage Range Line: ±-0.25% of Max Current Over Input Voltage Range
Recommended Cooling	Internal fan with adequate flow is sufficient for ambient temps up to 28°C.
PC Requirements for Software	Windows 7, 8.1, 10, 11

RADIATION PROTECTION

The customer is responsible for radiation protection and must ensure compliance with local regulatory requirements and limit values.



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