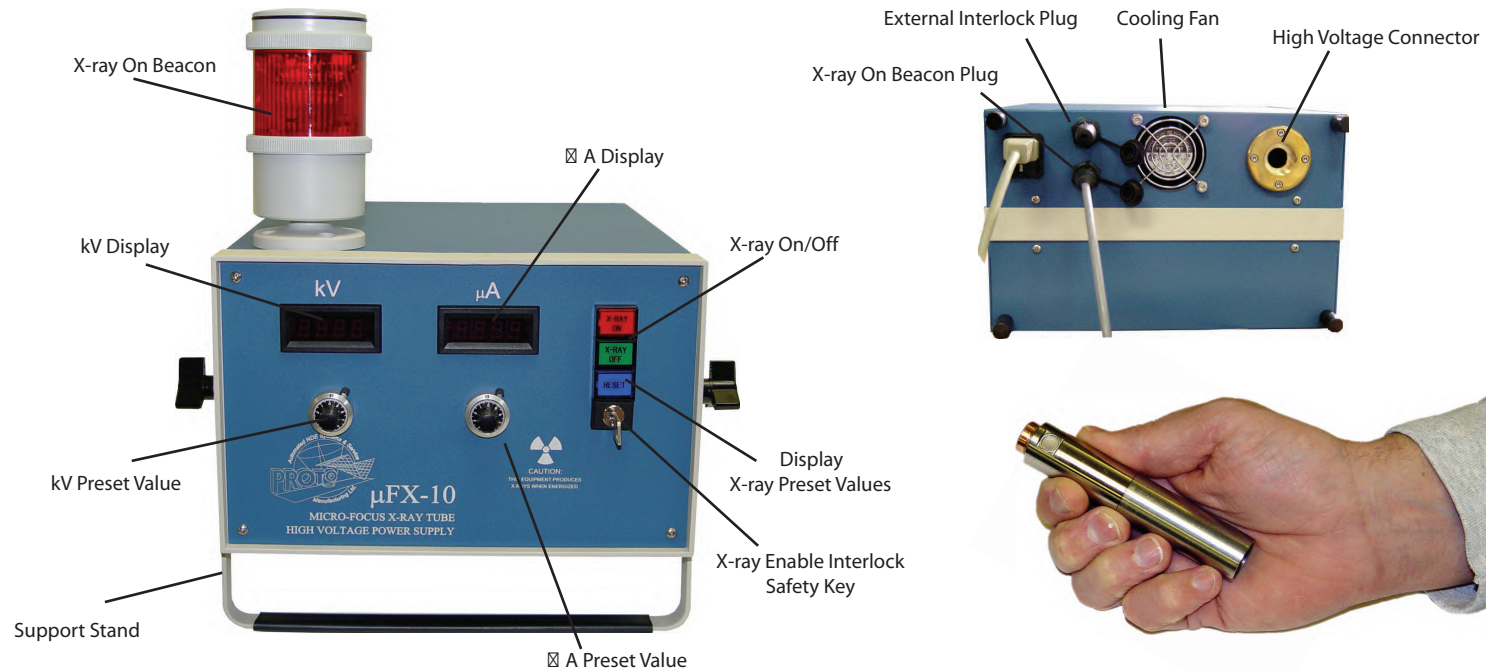


Micro Focus X-Ray Tube and Power Supply

microFX-10

Introducing the Proto microFX-10 microfocus x-ray tube, featuring a 20 mm diameter, ideal for applications such as imaging, fluorescence, spectroscopy and diffraction.

The size of this tube makes it unique in the field of microfocus x-ray tubes. With a 10 micron target spot size and an overall tube diameter of 20 mm, the microFX-10 is an excellent choice for high resolution analysis in confined spaces.



Features

HIGH VOLTAGE POWER SUPPLY

- Its compact size makes it very portable and easy to use.
- kV and μA Displays: Displays x-ray tube voltage and beam current. Values adjustable via front mounted controls.
- Safety features include an “X-ray On” warning beacon, x-ray enable interlock key, and external interlock.

X-RAY TUBE

- Ceramic x-ray tube for long life and durability.
- Cable lengths up to 8 meters available.
- Custom adapters and tube holders can be manufactured upon request.

Specifications

X-RAY TUBE

- SIZE: 20 MM DIAMETER X 90 MM
- TARGET MATERIAL: TUNGSTEN (W)
- X-RAY TUBE VOLTAGE: 25 kV (MAX)
- X-RAY TUBE BEAM CURRENT: 300 μA (MAX)
- TARGET SPOT SIZE: 10 μm
- ANGULAR DISPERSION: 22°
- Maximum Operating Temperature: 40 °C
- Maximum Operating Time 2 min. (air cooled)
- Cooling: External fan (optional water cooling available to increase max operating time)

HIGH VOLTAGE POWER SUPPLY

- POWER: 100-240 V / 50/60 Hz AC / 2 AMPS
- DIMENSIONS: 13.3” x 11.1” x 7” (337.8MM x 281.9MM x 177.8)(L x W x H)
- WEIGHT: 10 KG / 22 LBS
- MAX POWER: 25 kV / 300 μA / 7.5 WATTS

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