MICROFOCUS X-RAY TUBES
PRODUCT LINE CT

Data | Product Line CT
---|---
Max. voltage (kV) | 160, 190, 225, 240
Min. voltage (kV) | 20
Max. current (mA) | 3.0
Min. current (mA) | 0.05
Max. power, emission (Watt) | 350
Max. power, target (Watt) | 300
JIMA resolution (µm) | 2.0
Tube type | Reflection
Target type | High Power
Target material | Tungsten
Min. focus-object-distance (FOD, mm) | 4.0
Opening angle (approx. °) | 30
Mounting length incl. 90° HV plug (mm) | 706, 782
Tube weight (approx. kg) | 37, 51

Highlights:
- Ultimate tube power of 350 Watt / 240 kV
- Automatic Intensity Control (AIC) for continuous intensity of radiation
- Automatic tube calibration for optimum performance
- Cooling of tube head and turbo pump increases accuracy of CT scans
- Easy maintenance with adjusted ready-to-use click-in cathodes and automatic tube venting
- Unlimited lifetime

Innovative Microfocus X-Ray Tubes „Made in Germany“

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**Scope of Delivery**

- Open microfocus X-ray tube with reflection target, target cooling, turbo vacuum pump, vacuum gauge, and electronic drive unit
- Cooling elements for tube head and turbo pump
- High voltage generator and high voltage cable
- Prevacuum pump with vacuum hose
- Two cooling units with hoses and cooling agent
- Tube controller, power supplies, and safety relays on 19" mounting panels with set of cables for electrical connection of X-ray tube and components
- Spare parts case, documentation, and operating software

**Options and Accessories**

- Reflection targets from various materials, like molybdenum, copper, chromium, or silver
- Filter holder (including Al and Cu filter of different thicknesses)
- 19" rack for controller and power supplies including start button and warning light
- Control computer
- Exchangeable tube head with transmission target or rod anode

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