



X-Ray Source RS40 B1

High intensity twin anode source for XPS/AES

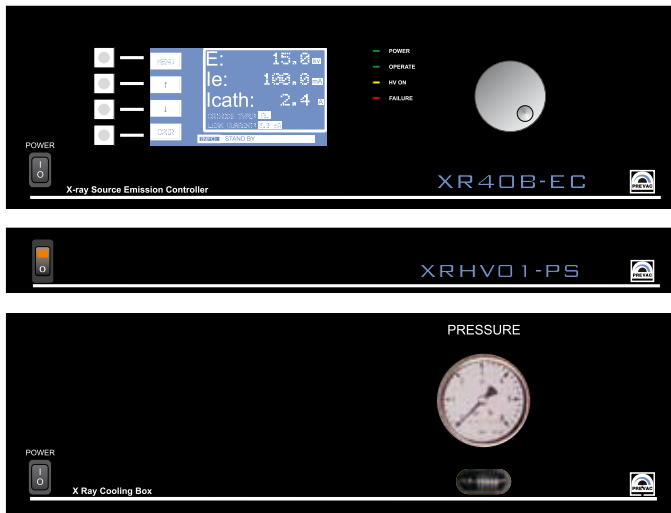
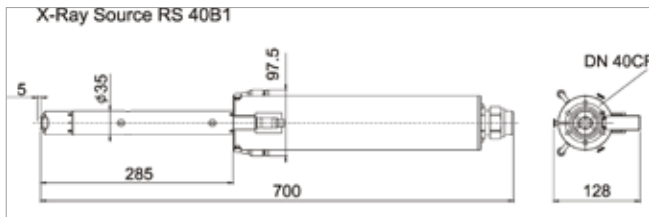
- high intensity dual anode
- very low cross-talk
- high efficiency water cooling
- specially configured nose cone
- hermetically sealed housing
- software controlled
- low magnetic field

Henniker Scientific

RS40 B1 X-Ray Source

RS40 B1 Source

Anode: Al/Mg, other materials
Power: Mg/Al, 400/600W
Cross talk: <0.35%
B-field at sample: 0.5 μ T
z-retraction: optional, 50 to 100mm
(also tilt options)
Bakeout temp: up to 250°C
Water cooling: 3.5 to 5bar, 3.5l/min



Source Power Supply Set

Emission current: 0 to 50mA (0.1mA)
Anode voltage: 0 to 15kV (0.1kV)
Cathode current: 0 to 5A in standby
0 to 2.5A in operation
Anode power: 0 to 500W, Al
0 to 350W, Mg
HT ramp: 0 to 1000V/min
Output Power: 250W max.
3 x HT safety interlocks;
vacuum/water cooling/x-ray cover
Large LCD front panel with store & recall
Intuitive software
RS232/422/485 comms.
3 x 19 inch rack mount units

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