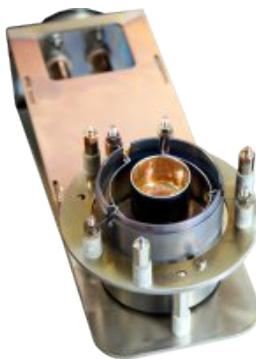




Power supply unit for an electron-beam evaporator with a ring cathode.

The unit is controlled from the front panel, or via the Modbus RTU protocol via the RS-485 interface, overload and breakdown protection are built-in



Parameter

Value

Max. output power 3 kW

Accelerating voltage channel

Accelerating voltage 0.5 - 3.0 kV

Voltage ripple no more than 5%

Voltage stability not worse than 2% per hour

Max. Output current 1 A

Glow channel

Output voltage frequency 20KHz

Regulation range 10 - 36 V, 6 - 40 A

Operating modes: stabilization of the filament current,
stabilization of emission current

Mains supply 380 V, TN-S, 50 Hz

Dimensions (W x D x H) 485 x 540 x 221 (5U)

Weight 20 Kg

BP-ELI-353-3-1

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