

Power Supply for TWT Test Equipment

HCV 1157M-4500

Model:



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**Low and High Voltage
Power Supplies**

DIN EN ISO 9001

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Special Features

The power supply is built fully according to the customers specification.

It includes a lot of special functions - for example a special Wehnelt Modulator and a microprocessor control.

Displays

DVMs 3½ dig for all high voltage outputs (voltage and current) and for heater voltage.

Operation

Front-panel with 10turn potentiometers for high voltage, current limit and heater voltage

External Operation

customer specific special design

Technical Data

Mains: 230 V $\pm 10\%$, 47 - 63 Hz

Outputs

Heater: 3,5 V ... 10 V, max.1,5 A DC
Isolation 4,5 kV

Helix Voltage: 3,8 kV...4,5 kV, 0..40 mA

Collector Voltage: 1700 V...2400 V, 0...400 mA
Isolation 4,5 kV

Wehnelt Voltage: 0...1200 V (1200...0 V), 0...2 mA

Voltage Stability:	}	customer specific, typical values $< 1 \times 10^{-4}$ of nominal value
Tc:		
Residual Ripple:		
Environment Temperature:	0 to 40°C	

Design

Cabinet: 19" plug-in, 10 HU (443 mm), 650 mm deep
Weight: 41 kg
Terminals at the front: customer specific connectors

Application

TWT test equipment

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