

# Power Supply for TWT Test Equipment

## HCV 545M-8000

Model:



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**Low and High Voltage  
Power Supplies**

**DIN EN ISO 9001**

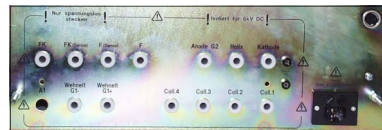
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**Modular built system with  
separate control-loops for  
each output voltage**



### Features

Multi-voltage source for Filament, Helix, Wehnelt, Anode and 4x Kollektor

### Displays

- 4 DVMs 3½dig for collector current
- 1 DVM to set the switch-off threshold

### Operation

Front-panel with 10turn potentiometers 4x collector voltage;  
helix voltage and anode voltage (coarse and fine).  
Emergency-OFF

### External Operation

Front-panel terminal for measuring adapter  
Monitor terminal

### Technical Data

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

#### Outputs

Filament:	0 - 6,5 V / 1 A	50 Hz,	Isolation 8 kV
Helix:	.... 8 kV / 7,5 mA		
Wehnelt:	0 - 30 V / 1 mA		
Anode:	.... 8 kV / 1 mA		
4 x Kollektor:	.... 3,8 kV, ....3 kV, 2,3 kV, ....1,2 kV		

Stability, residual ripple and TK class typ.  $1 \times 10^{-4}$

Ambient temperature: 0 bis 40°C

### Design

Cabinet:	19" plug-in, 9 HU (399 mm), 650 mm deep
Weight:	31 kg
Cooling:	Air
Terminals on the rear:	Mains: EURO-connector Other connectors are customer specific

### Application

TWT test equipment

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