



Industrial Microwave +
Plasma Systems



MW-Generator MG0500D-210TC

Low Ripple Microwave Generator, MG-Series

Features:

- Single generator
- 19" rack mounted
- 500 W cw/pulse hf-output-power max.
- Continuous power control 10 - 100 %
- Low ripple output (<1 % peak to peak)
- Pulseable in the range of 500 Hz up to 20 kHz
- Internally air-cooled
- Contains magnetron E3394 / 2450 MHz

Specifications:

INPUT VOLTAGE :	230 V AC / 1 ph / 50(60) Hz / 6 A	DIMENSIONS:	19" Rack mount, 550 mm total length, 6 units (267 mm) height
MW-OUTPUT POWER:	500 W cw max. / 2450 MHz \pm 20 MHz	CONDITIONS:	Ambient-Temp.: 5 °C - 45 °C non-condensing, T max. = 45 °C < 3 h/d, Humidity: 80 % @ 30 °C, subsequently linearly reduced to 50 % @ 45 °C
PULSEABLE:	500 Hz up to 20 kHz	COOLING:	Internally air-cooled
OPERATION:	Internal control elements built in front panel; External interface: digital 24 V DC analog 0 - 10 V	CONNECTIONS:	Connection cable (MAINS) 7/16 Coax (HF-OUTPUT) Stud M6 (GROUND / PE) 9-pin Sub-D-F (INTERFACE) Connector (INTERLOCK)
INTERLOCK:	2 safety interlock lines provided for external dry contacts 24 V DC / 0.5 A	WEIGHT:	Approx. 50 kg
ASSEMBLY:	Fully enclosed aluminum housing, Solid encapsulated assembly	OPTIONS:	Interface RS232 or CAN-Bus; Available for other input voltages

Recommended system components:

- Coax Adapter 7/16-socket to N-plug

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