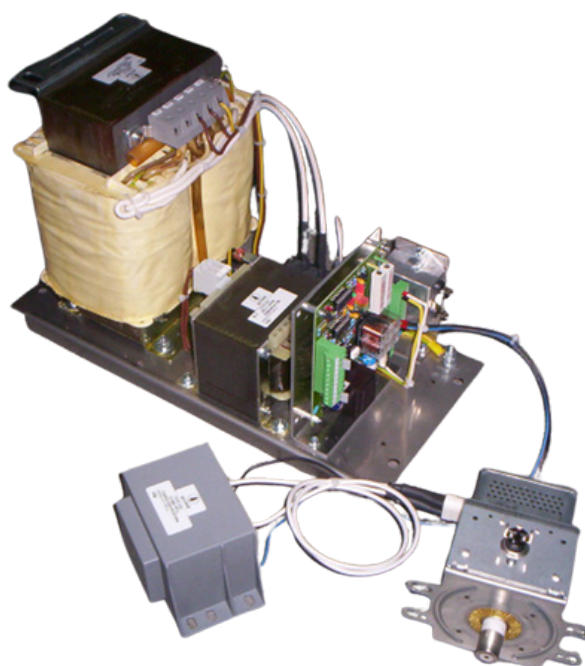




GENERAL INFORMATION

The power supply PH-GEN serves as voltage source for a magnetron. It is mounted on a solid metal chassis and consists of four components: electronic control card, high voltage transformer, choke and high voltage diode bridge. For generating microwaves you need only a magnetron and a heating transformer. The microwave power can be set stepless between 10 % and 100 % with a control voltage between 0 and 10 Volt. On the other side the voltage at the analogue output represents the actual value of the microwave power. Furthermore the temperature of the magnetron and the value of the anodic current will be controlled. If the limits are exceeded the power supply will be shut off and an error signal will be send to the external PLC. A display consisting of four light emitting diodes informs about the operating status.

SPECIFICATION

Electrical and Technical Data

Voltage	230...400 Volt, 50 / 60 Hz
Microwave power	600, 1000, 1200, 1500 W
Efficiency	approx. 95 %
Pulse frequency	100 Hz
Anodic current	up to 480 mA

Mechanical Data

Dimensions of housing (WxHxD)	395mm x 180mm x 225 mm (600 to 1200 W) 460mm x 220mm x 280mm (1500 W)
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