

Industrial Microwave +  
Plasma Systems

**MUEGGE**

# MAGNETRON HEAD MH3000S-218CV

Microwave Power Head, MH-Series, 2450 MHz

## Features:

- 3 kW cw / 4.5 kW pulse HF-output
- Compact design
- Easy mounting
- Integrated Isolator
- Water cooled
- Waveguide WR 340
- Waveguide flange UDR 26
- Magnetron 3 kW / 2450 MHz
- Integrated directional coupler for reflected power monitoring

## Options:

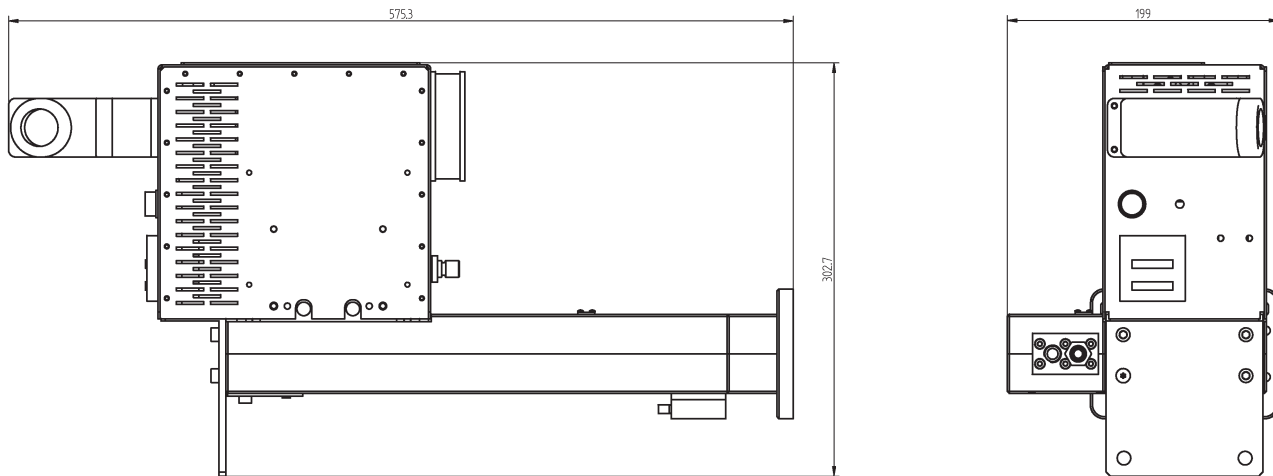
- Integrated reflected power meter, output 0 - 10V / 4 - 20 mA
- Integrated HF-output power measurement
- Coaxial output
- ARC-Detector

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## Outline Dimensions (mm):



## Specifications:

<b>HF OUTPUT POWER :</b>	3 kW cw / 4.5 kW pulse	<b>ASSEMBLY :</b>	Fully enclosed
<b>FREQUENCY:</b>	2.45 GHz +/-20 MHz	<b>DIMENSIONS:</b>	Length = 575.3 mm, Height = 302.7 mm, Width = 199 mm
<b>WAVEGUIDE:</b>	WR 340	<b>CONDITIONS:</b>	Ambient-Temp.: 5 °C - 45 °C not condensing, Tmax = 45 °C <3 h/d; Humidity: 80 % at 30 °C, then linear reduction to 50 % at 45 °C
<b>MAGNETRON :</b>	2M266-M12WJ	<b>COOLING CONNECTOR:</b>	9 mm hose sleeves
<b>COOLING WATER :</b>	4 l/min, 4 - 6 bar (Inlet temp.: 18°C - 25°C)	<b>WEIGHT:</b>	Approx. 15 kg
<b>INTERLOCK :</b>	Magnetron overtemperature		

## Recommended system components:

- MX-series Power Supply MX6000X-110KL