

**PRODUCT DATASHEET**

# MAX300-EGA

Evolved Gas Analysis



## Fast Response

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## Process Control

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## Stable Measurement

- Delivers continuous gas analysis
- Real-time control parameters reporting
- Complete quantitative stream composition
- Precise process control
- Multi-port systems for 160+ sample streams
- Low maintenance

## SPECIFICATIONS

### System Highlights

<b>Heated transfer line:</b>	Length: 2 m 200°C standard 300 and 400°C options available
<b>Mass analyzer:</b>	19 mm quadrupole filter
<b>Operating frequency:</b>	1.2 MHz
<b>Analysis rate:</b>	<0.4 seconds per component
<b>Mass range:</b>	1-200 amu standard – 1-300, and 1-500 amu options available
<b>Detectable components:</b>	Any gas or vapor with a molecular weight or fragment ion within the mass range
<b>Dynamic range:</b>	Can measure components from 100% to 10 ppb*
<b>Ionizer:</b>	Disposable EI source – Plug and Play for ease of maintenance – Filaments: One active and one spare with automatic switchover

### Installation Requirements

<b>Recommended power supply:</b>	110 VAC, 50/60 Hz, 10 A circuit 220 VAC 50/60 Hz, 10 A circuit
<b>Output power:</b>	Nominal: 700 W Maximum: 770 W
<b>Ambient temperature:</b>	55-80°F (13-27°C)
<b>Relative humidity:</b>	0-90% non-condensing
<b>Area classification:</b>	General purpose
<b>Analyzer weight:</b>	Approximately 165 lbs (75 kg)
<b>Analyzer dimensions:</b>	Height: 23.5" (60 cm) Width: 26.5" (68 cm) Depth: 19.0" (49 cm)

\* As documented on trace analysis of benzene in air

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