

PRODUCT DATASHEET

MAX300-EGA

Evolved Gas Analysis



Fast Response

Process Control

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

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

Installation Requirements

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

* As documented on trace analysis of benzene in air

PREMIUM INSIGHTS – GAIN REAL-TIME INSIGHT INTO YOUR PROCESS

Process Insights' products and solutions deliver innovative and differentiated analysis and measurement solutions and technologies that add high value to our customers and protect the environment.

Our commitment is to deliver smart and affordable innovation that optimizes process, improves safety, and transforms our world.

CENTERS OF EXCELLENCE

PROVIDING PROVEN SOLUTIONS FROM A GLOBAL TECHNOLOGY LEADER

Extrel CMS

575 Epsilon Drive
Pittsburgh, PA 15238
USA
+1 412 963 7530
www.extrel.com
info@extrel.com
support@extrel.com

Process Insights – The Americas

4140 World Houston Parkway
Suite 180
Houston, TX 77032
USA
+1 713 947 9591
info@process-insights.com

Process Insights – EMEA

ATRICOM
Lyoner Strasse 15
60528 Frankfurt
Germany
+49 69 20436910
info@process-insights.com

Process Insights – APAC

Wujiang Economic and Technology
Development Zone
No. 258 Yi He Road, 215200 Suzhou
Jiangsu Province China
+86 400 086 0106
info@process-insights.com

OUR PREMIUM GLOBAL BRANDS

