ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *MBraun MB-MO-SE1* at our website: *Click HERE*

Clean. Engineering. Expertise.

MB-MO-SE1

MOISTURE ANALYZER



- Moisture probe with integrated electronics
- Measuring range 0 - 500 ppm Moisture (H2O)
- Long life time
- Very fast response

INERTGAS TECHNOLOGY

MB-MO-SE1

MOISTURE ANALYZER

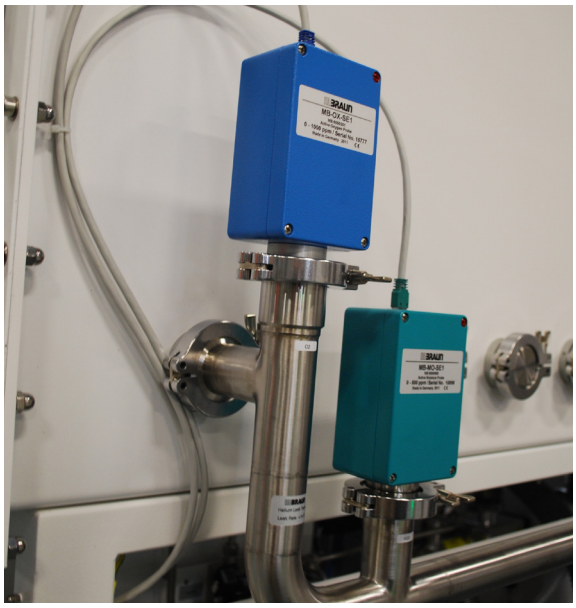
Clean. Engineering. Expertise.

DESCRIPTION

The MB-MO-SE1 has been designed to monitor the atmosphere of the MBRAUN Systems for residual moisture content. The measuring range is 0 to 500 ppm. The sensor can be operated with PLC-systems, which are integrated in MBRAUN systems as standard equipment, or with MB SSD-DIS© monitors, which are available separately.

The Moisture sensor comprises of a sensor along with special electronics. The sensor-head is protected from external mechanical effects by means of a sturdy screw cap. The sensor element is a "double helix" made of platinum wire fixed on a special insulation material. The sensor is coated with phosphoric acid.

The sensor leads pass through a vacuum-sealed feedthrough to the measuring electronics which are directly attached to a DN 40 KF assembling flange in a leak tight and screw-fitted housing. The electronics are supplied with 24 VDC and deliver a 0 - 10 V signal in proportion to the concentration of moisture.



TECHNICAL DATA

Overall Dimensions	Length 205 mm, width 80 mm, depth 58 mm
Sensor Dimensions	Length 42 mm, diameter 14 mm
Flange	DN 40 KF
Supply Voltage	24 V DC ± 10 %
Weight	0.7 kg
Plug	RJ45, 8 pins (Ethernet-like plug)
Operating Temperature	+ 15°C to + 27°C (ambient)
Pressure	800 - 1200 mbar (Differential pressure sensor to electronics max. ≈100 mbar)
Effective range	0 to 500 ppm moisture
Sensitivity	20 mV/ppm
Response Time	approx. 120 sec. (0-90 %)
Accuracy	High precision range (0-10 ppm): +/- (5 % of displayed value + 1ppm) Wide range (10 ... 100 ppm) +/- 20 % of displayed value
Drift	10 %/year
Warming up time	10 min (for < 10 ppm approx. 6 hr)
Sensor life	approx. 5 years

Technical note: Dependent upon operating conditions.

Spread by JS © M. Braun Inertgas-Systeme GmbH • Subject to be changed without notice!

M. Braun Inertgas-Systeme GmbH (Headquarters)
Dieselstr. 31 • D-85748 Garching • Germany
Phone: +49 89 32669-0 • Fax: +49 89 32669-105
Web: www.mbraun.de
E-Mail Sales: info@mbraun.de
E-Mail Service: service@mbraun.de

M. Braun Incorporated
14 Marin Way • Stratham, NH • 03885 • USA
Phone: +1 (603) 773 9333 • Fax: +1 (603) 773 0008
Web: www.mbraunusa.com
E-Mail Sales: info@mbraunusa.com
E-Mail Service: service@mbraunusa.com

BR49/V3/2017_09

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP