



# IC Conductivity Detector MB

2.850.9020

Compact and intelligent high performance conductivity detector for intelligent IC instruments. Optimized for microbore columns. Outstanding temperature stability, the complete signal processing within the protected detector block and the latest generation of DSP – Digital Signal Processing – guarantee the highest precision of the measurement. No change of measuring ranges (not even automatic ones) is required, due to the dynamic working range.

Typical areas of application:

- Anion or cation determinations with chemical suppression, sequential suppression or without suppression and conductivity detection
- Optimized for microbore (2 mm) applications, ideally suitable for coupling techniques (IC-MS or IC-ICP/MS)

Specification at a glance:

- 0–15000  $\mu\text{S}/\text{cm}$  without range switching
- Cell volume: 0.3  $\mu\text{L}$
- Ring-shaped electrodes made of stainless steel X2CrNiMo17-12-2 (316 L), compatible with MSA
- Maximum operating pressure: 10.0 MPa (100 bar)

- Cell temperature: 20–50 °C in increments of 5 °C
- Temperature stability: < 0.001 °C
- Baseline noise: < 0.2 nS/cm typical for sequential suppression
- Capillaries: ID 0.18 mm

Supported with MagIC Net 4.1 and higher

Below, the accessories are grouped into Scope of delivery and Optional accessories. Please keep this printout at hand for ordering replacement material. These lists may be subject to change.

### Scope of delivery 2.850.9020

Qt.	Order no.	Description
1 PCS	6.2744.014	Pressure screw 2x With UNF 10/32 connection. For the connection of PEEK capillaries

