

Metrohm 930 Compact IC Flex



Metrohm 930 Compact IC:

- Dual Piston: PEEK construction/maximum pressure of 350 bar
- Metal-free flow path
- Flow rate: 10µL/min to 20mL/min (column dependent)
- Degasser: Integrated for eluent and sample
- 0.1% Accuracy and Precision
- Chemical suppression: MSM (Micro Packed Bed) suppressor
 - 10-year warranty
 - Regeneration using in-line peristaltic pump
- CO₂ Suppression: MCS
 - CO₂ removal with fluoropolymer technology
- Oven: Ambient to 80°C (stability >0.05 °C)
- Internal Loop: 1µL
- Loop size: 20µL (standard) available in various sizes
- Inline Ultrafiltration for eluent and samples
- Software: MagIC Net Professional

Metrohm 858 Sample Processor:

- Smart Inline Dilution: Dilution factor 1:2-1:100 (one step) to 1:10000 (two step)
- 0.5-50 mL injection volume
- 148 vial capacity (standard 15mL conical tubes)
- 0.01% Volume Accuracy and Precision

Metrohm Detectors:

- iDetector: Conductivity Detector
 - Measuring range 0 - 15'000 $\mu\text{S}/\text{cm}$ – without range switching
 - Temperature 20 - 50 $^{\circ}\text{C}$ in 5 $^{\circ}\text{C}$ increments
 - Temperature Stability: 0.001 $^{\circ}\text{C}$
 - Cell Volume: 0.8uL
 - Electronic Noise: <0.1 nS/cm (at 1uS/cm)
 - Baseline Noise: : <0.2 nS/cm (using A Supp 5, std conditions)
- 944 UV-Vis Diode Array Detector
 - 190-900nm range
 - Absorption Range: -2.0 to +2.0 AUFS
- Amperometric Detector
 - Potentiostat: -5V to +5V
 - DC Mode: 0.12 fA to 2 mA
 - PAD mode: 12 fA to 2 mA
 - -Au/Pd/Steel electrodes
- IC Analysis Capabilities
 - Anion (suppressed)
 - Cation (non-suppressed)
 - Sugars (mono-, di-, polysaccharide)
 - Weak Organic Acids
- Recognized Methods of Analysis
 - EPA 300 (series) Anions in Water
 - PM2.5 Cation Analysis
 - AOAC 995.13: Carbohydrates in Coffee

Contact the TRACES Manager for full details.