NEW

Electric Conductivity Detector

Shodex CD-200

The electric conductivity detector is designed for ion chromatography. It is recommended for anion or cation analysis in aqueous solution.

⟨Features⟩

- With use of the built-in double temperature control cell, this detector enables highly sensitive measurement.
- The detector supports a wide range of measurement and is usable for ion chromatography with or without suppressor method.

Product Code	F5515010
Model	**CD-200**
Measurement method	Two-electrode system
Measurement limit	0~600mS/m (0~6mS/cm)
Measurement range	0.0025~5.12mS/m, 0.025~51.2mS/m, 0.25~512mS/m
Linearity range	600mS/m
Response	0.1, 0.25, 0.5, 1.0, 1.5, 2, 3, 6sec
Auto zero limit	Same as measurement limit
Baseline shift	Range;0~2mS/m, Resolution;0.01mS/m
Integrator output	0~1V (Sensitivity:200, 20, 2mV/mS/m)
Recorder output	0~10mV/FS
External input	① ZERO IN ② MARKER IN
External Output	READY(TEMPERATURE STABILIZED) LEAK ERROR(ROM,RAM,PARAMETER,SENSOR,OVER HEAT,ZERO OVER) MARKER OUT
Cell Temperature control	OFF, 30~50°C (1°C step), 77°C Temp. fuse
Communication port	USB
Cell volume	2.5µL
Pressure rating	1MPa
Wetted materials	Stainless steel 316, Teflon, PEEK
Dimension, Weight	W260 x D400 x H150 (mm), ca. 8kg
Power source, Power consumption	AC 100~240V±10%,200VA max

■ Principle of measurement of the electric conductivity detector