Waters
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2432 Conductivity Detector

The Waters® 2432 Conductivity detector offers highly sensitive and stable performance when performing non-suppressed ion chromatography. Precise temperature control of the flow cell, which eliminates baseline drift, coupled with the ability to collect absolute and auto-zeroed data frees the chromatographer for other tasks.

OPERATING SPECIFICATIONS[1]

Measuring range	0 to 10,000 µS/cm without range switching
Drift	<0.5%/hr[1]
Noise	≤0.005 µS/cm
Temperature control	20 °C–50 °C in steps of 5 °C and Off[2]
Temperature stability	±0.1 °C
Sampling rate	10 points/s

CELL SPECIFICATIONS

Electrodes	Ring-shaped electrodes made from stainless steel
Cell volume	0.8 µL
Pressure limit	725 psi
Wetted materials	Chemically inert PCTFE and stainless steel

ELECTRICAL SPECIFICATIONS

Power requirements	100 to 240 VAC
Line frequency	50 to 60 Hz
Power consumption	160 VA (Nominal)
Inputs	Inject start

PHYSICAL/ENVIRONMENTAL SPECIFICATIONS

Dimensions	Width: 34.3 cm (13.5 inches) Height: 20.8 cm (8.2 inches) Depth: 61.0 cm (24.0 inches)
Weight	12.3 kg (27.2 lbs.)
Operating temperature	5 to 35 °C (41 °F to 95 °F)
Operating humidity range	20% to 80% (non-condensing)
Audible noise	<58 dBA

ORDERING INFORMATION	PART NUMBER
2432 Conductivity Detector for Modular and ACQUITY UPLC® H-Class/ACQUITY UPLC H-Class Bio	176003340
2432 Conductivity Detector for Alliance®	176003339
2432 Conductivity Detector for ACQUITY® Arc™	176003341
2432 Conductivity Detector for ACQUITY QDa®	176003342

1. The percent drift is relative to the base conductivity of the mobile phase in a system running non-suppressed chromatography.
2. Temperature control requires the setpoint to be a minimum of 5 °C above ambient.

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