

## 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<sup>1</sup>

Measuring range	0 to 10,000 $\mu\text{S}/\text{cm}$ without range switching
Drift	$<0.5\%/hr^1$
Noise	$\leq 0.005 \mu\text{S}/\text{cm}$
Temperature control	20 °C–50 °C in steps of 5 °C and Off <sup>2</sup>
Temperature stability	$\pm 0.1 \text{ }^\circ\text{C}$
Sampling rate	10 points/s

### CELL SPECIFICATIONS

Electrodes	Ring-shaped electrodes made from stainless steel
Cell volume	0.8 $\mu\text{L}$
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.

# Waters

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