

Key Features

- Conductivity, resistivity, TDS and salinity modes
- Special pure water mode for ultra low conductivity measurements
- Storage of 500 results with built in data logger
- Infra-red data link (IrDA) for connection to printer and RS232 link to connect to printer or PC via DataWay software



4520

Part code: 452 001

4520

Bench Conductivity/TDS Meter

The 4520 is a high specification laboratory conductivity/resistivity/TDS/salinity and temperature meter that offers additional accuracy with 1, 2 or 3 point conductivity calibration across the wide measurement range of 0 to 19.995. The dedicated 'pure water' mode ensures the optimum accuracy for this difficult application.

Technical Specification

Conductivity

Range	6 auto-selected from 0 to 19.995*
Resolution	0.01µS -0.01S
Accuracy	±0.5% ±2 digits
Automatic std. recognition	10µS, 84µS, 1413µS, 12.88mS
Cell constant	0.010 to 19.999

TDS

Range	6 auto selected ranges 0-1999g/l*
Resolution	0.01mg/l -1g/l
Accuracy	±0.5% ±2 digits
EC ratio	0.50 to 0.80

Resistivity

Range	0-20Mohm
Resolution	0.01Mohm
Accuracy	±0.5% ±2 digits

Salinity

Range	0-99.9g/l
Resolution	0.1g/l
Accuracy	0-35 ±1g/l, 35-99.9 ±3g/l

Temperature

Range	-10 to 105°C
Resolution	0.1°C
Accuracy	±0.5°C
ATC and manual	0 to 100°C
Temperature coefficient	0.00% to 4.00%/°C
Reference temperature	18, 20 or 25°C
GLP	Calibration reminder interval, alarm outputs and security code protected data
Outputs	Analogue, RS232 and IrDA interface
Connector	7-pin DIN
Power	9V AC ±10% @ 50/60Hz**
Size (l x w x d), mm	210 x 250 x 55
Weight, g	850

*With K=10 cell

** Voltage variants available see page 94

Ordering Information

Part Code	Description
452 001	4520 conductivity meter supplied with glass conductivity probe with ATC (K=1) (027 013), electrode holder (903 300) and UK power supply (021 030)