

Jenway

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Model 4520 Conductivity/TDS Meter

Automatic range selection Conductivity/TDS display

Calibration on up to 3 standard solutions or

direct cell constant entry

ATC, including pure water temperature compensation

Security code protected data Full calibration status display

Calibration reminder 500 reading memory

Comprehensive data logging options

RS232 serial interface & IrDA printer interface

Alarm outputs (open collector and audible)

Analogue recorder output

Wall mounting option

Back lit 1/8 VGA monochrome LCD



Conductivity

Ranges 0 to 19.99µS / 0 to 199.9µS / 0 to 1999µS /

0 to 19.99mS / 0 to 199.9mS / 0 to 1999mS/0 to 19.99S*

 $\label{eq:resolution} 0.01 \mu \text{S} \, / \, 0.1 \mu \text{S} \, / \, 0.01 \text{mS} \, / \, 0.1 \text{mS} \, / \, 1 \text{mS}^* \, / \, 0.01 \text{S}$

*only with cell constant >5

Accuracy ±0.5%±2 digits

TDS

Ranges 0 to 19.99mg/l / 0 to 199.9mg/l / 0 to 1999mg/l /

0 to 19.99g/l / 0 to 199.9g/l / 0 to 1999g/l

Resolution 0.01mg/l / 0.1mg/l / 0.01g/l / 0.1g/l / 1g/l*

*only with cell constant >5

Accuracy ±0.5%±2 digits

Resistivity

Range 0 to 20Mohms Resolution 0.01Mohms

Salinity

Range 0 to 99.9g/l Resolution 0.1g/l Accuracy 0 to 35 \pm 1g/l

35 to 99.9 ±3g/l





Temperature

Range -10 to +105°C (14 to 221°F)

Resolution 0.1°C (1°F) Accuracy ± 0.5 °C (± 1 °F)

ATC Range 0 to 100° C (32 to 212° F) Manual Temp. Comp. Range 0 to 100° C (32 to 212° F)

Cell constant 0.010 to 19.999

Temperature coefficient 0.00% to 4.00%

Reference temperature 18, 20, 25°C

EC ratio 0.50 to 0.80

Calibration 1, 2 or 3 point

Auto Standard Recognition 10µS, 84µS, 1413µS, 12.88mS

Outputs Analogue

RS232 serial & IrDA printer interface

Alarm

Clock 24 hours, hrs/min/sec or day of month/month/year leap year corrected

(European and American formats)

GLP Calibration reminder interval (1 to 999 hours)

Alarm outputs (open collector and audible)

Security code protected user data Back lit 1/8 VGA monochrome LCD

Language option English, French, German, Italian, Spanish, Portuguese

Power 9V power supply Size / Weight 210x250x55mm / 850g

Ordering Information

Display

452 001 Model 4520 supplied with glass bodied conductivity cell with ATC K=1 (027 013), electrode holder,

power supply (UK), condensed operating instructions and instruction manual.

452 101 Model 4520 supplied with glass bodied conductivity cell with ATC K=1 (027 013), electrode holder,

power supply (US), condensed operating instructions and instruction manual.

452 201 Model 4520 supplied with glass bodied conductivity cell with ATC K=1 (027 013), electrode holder,

power supply (European), condensed operating instructions and instruction manual.

452 301 Model 4520 supplied with glass bodied conductivity cell with ATC K=1 (027 013), electrode holder,

power supply (230V leaded) ,condensed operating instructions and instruction manual.

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