



CO/25250

Conductivity meter, bench, model 4520

A fully specified laboratory Conductivity/Resistivity/TDS/Salinity/Temperature Meter that includes full support for Good Laboratory Practices (G.L.P.) The meter supports 1, 2 or 3 point conductivity calibration. Powerful data logging capabilities are included with the ability to store up to 500 readings either manually, at timed intervals or alarm events.

- Back-lit graphics display
- Dual parameter display
- Low conductivity analysis
- Multi language operation
- 500 location memory
- Infra-red data link (IrDA)
- Real time clock
- Bi-directional RS232 link to printer or PC

Technical specification

Conductivity ranges	0-19.99 μ S, 0-199.9 μ S, 0-1999 μ S, 0-19.99mS, 0-199.9mS, 0-1999mS, 0-19.99S*
Resolution	0.01 μ S, 0.1 μ S, 1 μ S, 0.01mS, 0.1mS, 1mS, 0.01S
Accuracy	$\pm 0.5\%$ ± 2 digits
TDS	
Ranges	0-19.99mg/l, 0-199.9mg/l, 0-1999mg/l, 0-19.99g/l, 0-199.9g/l, 0-1999g/l
Resolution	0.01mg/l, 0.1mg/l, 1mg/l, 0.01g/l, 0.1g/l, 1g/l
Accuracy	$\pm 0.5\%$ ± 2 digit
	* only with cell constant > 10
Resistivity Range	0 – 20M Ω ms
Resolution	0.01M Ω ms
Accuracy	$\pm 5\%$ ± 2 digits
Salinity Range	0 – 99.9g/l
Resolution	0.1g/l
Accuracy	0 – 35 ± 1 g/l, 35 – 99.9 ± 3 g/l
Temperature Range	-10 - +105 $^{\circ}$ C / +14 - +221 $^{\circ}$ F
Resolution	0.1 $^{\circ}$ C / 1 $^{\circ}$ F
Accuracy	$\pm 0.5^{\circ}$ C / $\pm 1^{\circ}$ F
ATC & MTC Ranges	0 – 100 $^{\circ}$ C / 32 – 212 $^{\circ}$ F
Alarm Points	0-19.99S
Power	9V a.c. $\pm 10\%$ @ 50/60Hz
Dimensions (wxdxh), mm	210x250x55
Mass, g	850

Cat. No.	Code	Description
CO/25250	4520	Conductivity meter
CO/25274		Spare Conductivity Cell Glass K=1 for 4510/4520 Meter



CO/35200

Conductivity meter, bench, model EC215

A multi range bench meter ideal for everyday measurements in the laboratory. Using the '4-ring' potentiometric measuring method only one probe is required to read from de-ionised water to brine. All readings are automatically temperature compensated up to 50 $^{\circ}$ C. Supplied complete with probe and mains power lead. This meter has a two-year guarantee.

Dimensions; 240 x 182 x 74 mm weight; 1kg

Range	Resolution
0.0 to 199.9 mS/cm	0.1
0 to 1999 mS/cm	1
0.00 to 19.99mS/cm	0.01
0.0 to 199.9mS/cm	0.1

Cat. No.	Code	Description
CO/35200	EC215	Conductivity meter