

Conductivity meter, bench, model 4510

A general purpose Conductivity/TDS/Temperature meter for use in laboratory applications.

- Designed for routine laboratory applications
- Custom back-lit LCD
- Simultaneous display of conductivity or TDS and temperature
- Automatic temperature compensation
- 32 location memory
- Bi-directional RS232 link to printer or PC
- Easy to clean surfaces



CO/25248

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*
Resolution	0.01 μ S, 0.1 μ S, 1 μ S, 0.01mS, 0.1mS, 1mS
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 digits
	* only with cell constant >10
Temperature range	-10 - +105°C / +14 - +221°F
Resolution	0.1°C / 1°F
Accuracy	$\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$
ATC & MTC ranges	0-100°C / 32-212°F
Auto standard recognition	10 μ S, 84 μ S, 1413 μ S, 12.88mS
Cell constant	0.010 to 19.999
Temp. Coefficient	0.00% to 4.00% /°C
Reference temperature	18°C, 20°C or 25°C selectable
EC ratio	0.50 to 0.80
Results storage	32 reading memory
Power	9V a.c. $\pm 10\%$ @ 50/60Hz
Dimensions (wxdxh), mm	210x250x55
Mass, g	850

Cat. No.	Code	Description
CO/25248	4510	Conductivity meter
CO/25274		Spare Conductivity Cell Glass K=1 for 4510/4520 Meter