

Key Features

- Portable conductivity and TDS meter
- Automatic range selection for optimum resolution
- Automatic or manual calibration
- Storage of up to 32 readings
- 500 hours battery life



470

Part code: 470 271

470

Enterprise Conductivity/TDS Meter

The 470 hand held conductivity/TDS meter allows calibration by direct cell constant entry or through the use of standard solutions. The display simultaneously shows temperature compensated conductivity or TDS and temperature. For optimum resolution the best conductivity/TDS range is automatically selected, whilst temperature compensation is achieved using an adjustable temperature coefficient.

Technical Specification

Conductivity

Range	6 auto-selected from 0 to 1999mS*
Resolution	0.01µS to 1mS*
Accuracy	±0.5% ±2 digits
Cell constant	0.01 to 19.99
Auto standard recognition	10µS, 84µS, 1413µS, 12.88mS

TDS

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

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, 25°C
Connector	Mini DIN
Power	2AA batteries
Size (l x w x d), mm	175 x 75 x 35
Weight, g	250

Ordering Information

Part Code	Description
470 271	470 conductivity meter supplied with epoxy conductivity cell K=1 (027 298), batteries (fitted) and free carry case

*With K=5 cell

430

Enterprise Conductivity/pH Meter

The easy to use 430 is designed to readily withstand the rigours of field work, while reliably measuring pH and conductivity. The unit allows the simultaneous readout of pH, conductivity or TDS and temperature with switched ranges for both conductivity and TDS measurements.

Technical Specification

pH

Range	0.00 to 14.00 (1 or 2 point calibration)
Resolution	0.01
Accuracy	±0.02
Auto. buffer recognition	4.00, 7.00, 9.22, 10.00

Conductivity

Ranges	5 auto-selected from 0 to 199.9mS
Resolution	0.01µS to 0.1mS
Accuracy	±0.5% ±2 digits
Cell constant	0.01 to 19.99
Automatic std recognition	10µS, 84µS, 1413µS, 12.88mS (with manual override)

TDS

Range	5 auto-selected from 0 to 199.9g/l
Resolution	0.01mg/l to 0.1g/l
Accuracy	±0.5% ±2 digits
EC ratio (TDS)	0.50 to 0.80

Temperature

Range	-9.9 to 99.9°C
Resolution	0.1°C
Accuracy	±0.5°C
ATC and manual	0 to 99.9°C
Temperature coefficient	0.00 to 4.00%/°C
Reference temperature	18, 20 or 25°C
Connector	mini-DIN
Power	2 AA batteries
Size (l x w x d), mm	175 x 75 x 35
Weight, g	250

Key Features

- Simultaneous display of pH, conductivity and temperature
- Automatic or manual calibration
- Combined pH, conductivity and temperature probe
- Power on self check routine
- Auto-selecting ranges for both TDS and conductivity modes



430

Part code: 430 271

Ordering Information

Part Code	Description
430 271	430 conductivity/pH meter supplied with combined pH/conductivity probe (430 231), buffer sachets, batteries (fitted) and free carry case

 **www.ert.pt**
info@ert.pt
Telf. 217 142 066 - Fax. 217 145 674
Rua Soeiro Pereira Gomes, Lote 5, Cave Drt.
2845-387 Amora Portugal