



## Series 4 Quality Portable Meters

A series of Quality Portable meters from EDT directION. All are state of the art instruments made in the UK. All Instruments are CE and UKCA marked. The clear backlit graphic display guides the user through every operation ensuring that even the most unskilled operation can perform accurate analysis without an instruction manual.

Every instrument in the range has a mini USB output for printing or exporting sample and calibration data. If printing is not possible there is a 10,000 data point, 64 file internal memory to enable field data to be recorded.

Power is via 4 x AA batteries. Lifetime is impressive due to a highly efficient display with brightness and contrast options along with many other power saving features.

The Series 4 range of products are extremely Tough, Splash-proof, practical and carry a two year warranty.



## QP451 pH/mV Meter

Range: -2 to 16 +/- 0.01pH  
1, 2 or 3 Point Calibration  
Auto endpoint  
Automatic Temperature Compensation (ATC)  
Automatic Buffer Recognition  
Buffer correction  
Calibration alarms  
Temperature display  
Full range of pH electrodes available

Millivolt and Relative millivolt modes  
Data logging and internal Data storage.  
Micro USB Data output direct to Excel  
Real time clock  
BNC connector for pH Electrodes  
Energy Saving Features  
Available as a Rugged field Kit  
Unskilled operation

## QP481 Conductivity/TDS Meter

Automatic Calibration  
Auto endpoint  
Automatic Temperature Compensation (ATC)  
Simple Setup Menu  
Auto Ranging  
Measures DI water to Saturated solutions  
Full Range of Cells available

TDS Mode with adjustable TDS Factor  
Data logging and internal Data storage.  
Micro USB Data output direct to Excel  
Real time clock  
Din Connector for Conductivity/Temp Probe  
Energy Saving Features  
Rugged Field Kit available



## QP458 Combined pH/Cond Meter

Dual pH and Conductivity Display  
1, 2 or 3 Point pH Calibration  
Auto Conductivity Calibration  
Auto endpoint  
Automatic Temperature Compensation (ATC)  
Automatic Standard/Buffer Recognition  
pH Buffer correction  
Calibration alarms

Millivolt and Relative millivolt modes  
Total Dissolved Solids (TDS) Mode  
Data logging and internal Data storage.  
Micro USB Data output direct to Excel  
Real time clock  
BNC/DIN and 3.5mm Jack connectors  
Energy Saving Features  
Available in a Rugged Field Kit



## SALCON II Salt Concentration Meter

For the measurement of :

1. **Water soluble Chloride ion content during Marine Aggregate processing,**
2. **Concrete testing**
3. **Salt Content in Food Processing and QC**

Direct Concentration Readout  
Range from Saturation down to 0.001% Chloride  
Automatic correction for Tap Water (Blank correction)  
Results storage and Output to Excel  
Automatic Temperature Correction (ATC)  
200 hour continuous battery life

Auto Endpoint  
Data Storage  
Automatic Calibration  
Adjustable Backlit display.  
Unskilled Operation  
Robust Cells for Rugged Applications

## QP999 Boat Corrosion / REDOX Meter

For The Measurement of:

1. **Hull Potential to manage Sacrificial anodes and to monitor corrosion**
2. **Disbondment of Surface coatings**
3. **Corrosion of Metals in Water**

Auto endpoint  
Millivolt and Relative Millivolt modes  
Micro USB Data output  
Real time clock  
2 x 4mm Banana Plug Connectors

Internal Data Storage  
Battery Saving Features  
Unskilled Operation  
Robust Submersible Electrodes  
Available in a Rugged Field Kit



## QP459 Direct Concentration ION Meter

ION Concentration in ppm or mol/l  
1,2 or 3 Point Calibration  
Slope indication  
Two ION modes for Dual Analysis  
Known Addition Mode  
Data Storage and Output to Excel  
Full Range of Combination ISEs  
Dissolved Oxygen Mode\*  
200 Hours Continuous Battery life

Auto endpoint  
Temperature Display  
Automatic Temperature Compensation (pH) (ATC)  
Automatic Buffer Recognition Buffer correction  
Calibration alarms  
mV and Relative mV modes  
Full range of pH Electrodes available Battery saving features

\*Dissolved Oxygen using a Galvanic DO probe available shortly

# SPECIFICATION TABLE

|                              | QP451 | QP481 | QP458 | QP999 | QP459 | SALCON II |
|------------------------------|-------|-------|-------|-------|-------|-----------|
| Made in the UK               | X     | X     | X     | X     | X     | X         |
| CE and UKCA Marked           | X     | X     | X     | X     | X     | X         |
| ATC                          | X     | X     | X     |       | X     | X         |
| Auto End Point               | X     | X     | X     | X     | X     | X         |
| Automatic Buffer Recognition | X     | X     | X     |       | X     | X         |
| Automatic Calibration        | X     | X     | X     |       | X     | X         |
| Available as a Field Kit     | X     | X     | X     | X     | X     | X         |
| Backlit Display              | X     | X     | X     | X     | X     | X         |
| Banana plug 4mm Socket       |       |       |       | X     |       |           |
| BNC socket                   | X     |       | X     |       | X     |           |
| Chloride Mode                |       |       |       |       | X     | X         |
| Conductivity Mode            |       | X     | X     |       |       | X         |
| Data Logging                 | X     | X     | X     |       | X     |           |
| Data Output to Excel         | X     | X     | X     | X     | X     | X         |
| Date and Time setting        | X     | X     | X     | X     | X     | X         |
| DIN Socket                   |       | X     | X     |       |       | X         |
| Dissolved Oxygen             |       |       |       |       | X     |           |
| Energy Saving Features       | X     | X     | X     | X     | X     | X         |
| Hull Potential Mode          |       |       |       | X     |       |           |
| Internal Memory              | X     | X     | X     | X     | X     | X         |
| ION Concentration Mode       |       |       |       |       | X     |           |
| Known Addition Mode          |       |       |       |       | X     |           |
| mV Mode                      | X     |       | X     | X     | X     |           |
| pH Mode                      | X     |       | X     |       | X     |           |
| Positive Feedback Keys       | X     | X     | X     | X     | X     | X         |
| Relative mV Mode             | X     |       | X     |       | X     |           |
| Salt NaCl Mode               |       |       |       |       |       | X         |
| Splashproof Case             | X     | X     | X     | X     | X     | X         |
| TDS Mode                     |       | X     | X     |       |       |           |
| Temperature Display          | X     | X     | X     |       | X     | X         |
| User ID input                | X     | X     | X     | X     | X     | X         |
| REDOX mode                   | X     |       | X     | X     | X     |           |
| 200 hour Battery Life        | X     | X     | X     | X     | X     | X         |

For more information on these products visit [www.edt.co.uk](http://www.edt.co.uk)

## Available Accessories



DK400: Series 4 Portable Data Logging Kit



RB400: Series 4 Rubber Boot / Stand



E8401: Carry Case for Series 4 Instruments (small)

## Stay in touch with EDT



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