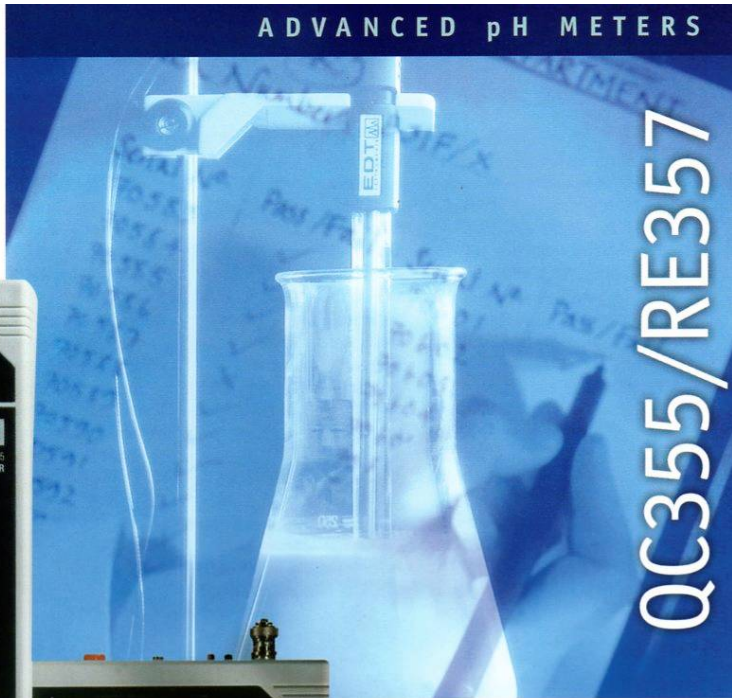


### QC355

- Accuracy of 0.01pH
- Mains or battery operation
- Sealed keypad controls
- Robust, splash-proof case
- Automatic temperature compensation
- Automatic calibration
- Optional RS232C Interface
- Calibration clock
- Stability Indicator



### RE357

- Accuracy of 0.01pH
- Mains or battery operation
- Sealed keypad controls
- Robust, splash-proof case
- Automatic or manual temperature compensation
- Optional RS232C Interface
- Manual or automatic temperature calibration
- mV measurement
- Recorder output
- Hold facility

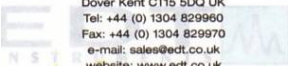
The automatic pH meters from EDT are robust, easy-to-operate instruments designed to give results that are both accurate and reliable with the minimum of user involvement.

There are two models to choose from:

- QC355
- RE357



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*Excellence & Innovation in Electrochemistry*



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## SPECIFICATIONS

The QC355 has been designed for routine pH measurements. ATC is compulsory as is automatic calibration. A stability indicator means that user bias is eliminated and the calibration clock ensures regular recalibration every 12 hours. The QC355 makes routine pH measurements simple and extremely reproducible, but it's not suitable for every application. If buffers other than 4, 7 and 10 are to be used, manual (or no) temperature compensation needed, or mV mode a requirement, then the user should consider the RE357. The RE357 is a flexible pH meter and allows the end user

more interaction in that it offers a choice of manual or automatic control, mV for ISE work and a recorder output. Both the RE357 and the QC355 have error codes built in which guide the user to any potential fault such as incorrect buffers, or poor electrode condition. Both meters can be ordered with computer interface by adding the letters TX to the model number.

### Automatic Calibration

The pH value of all buffers (and samples) varies depending on the temperature. This means that a pH buffer with the nominal value of,

say, 7.00 is only 7.00 at a particular temperature (25°C for EDT buffers). When calibrating an instrument, the user should check the temperature, look up the buffer value and then enter that value. The RE357 and QC355 have these values pre-programmed. The temperature and buffer values are internally checked and then automatically entered ensuring a fast, accurate calibration every time.

# QC355/RE357

RE357		QC355	
pH Range:	0-14 pH	pH Range:	0-14 pH
pH Resolution:	0.01pH	pH Resolution:	0.01pH
pH Accuracy:	± 0.01pH	pH Accuracy:	± 0.01pH
mV Auto-ranges:	± 400 or ± 2000 mV	°C Range:	- 30 to + 130°C
mV Resolution:	0.1 mV or 1 mV	°C Resolution:	0.1°C
mV Accuracy:	± 0.2% ± 1 digit	°C Accuracy:	± 0.3°C
°C Range:	- 30 to + 130°C	Automatic Temperature Compensation:	0 to 100°C
°C Resolution:	0.1°C	Automatic Calibration:	4, 7, 10 pH
°C Accuracy:	± 0.3°C	Recalibration Prompt:	12 Hours
Manual Temperature Compensation:	0 to 100°C	Stability Indicator:	
Automatic Temperature Compensation:	0 to 100°C	Display:	12.7mm LCD
Automatic Calibration:	4, 7, 10 pH	Instrument Size:	210 x 150 x 88mm (D x W x H)
Manual Calibration:		Instrument Weight:	550g
Display Hold Facility:		Power Requirement:	9V battery or A.C. adaptor
Recorder Output:	0 - 200.0 mV		
Karl Fischer Output:	10 µA		
Display:	12.7mm LCD		
Instrument Size:	210 x 150 x 88mm (D x W x H)		
Instrument Weight:	550g		
Power Requirement:	9V battery or A.C. adaptor		
<b>QC355TX/RE357TX Additional Specification</b>			
RS232C Output:	1200 Baud		
Manual Mode:	Output of pH and °C values		
External Mode:	Output of all parameters including probe and calibration data on demand		



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