

Advanced Ion Concentration Meter

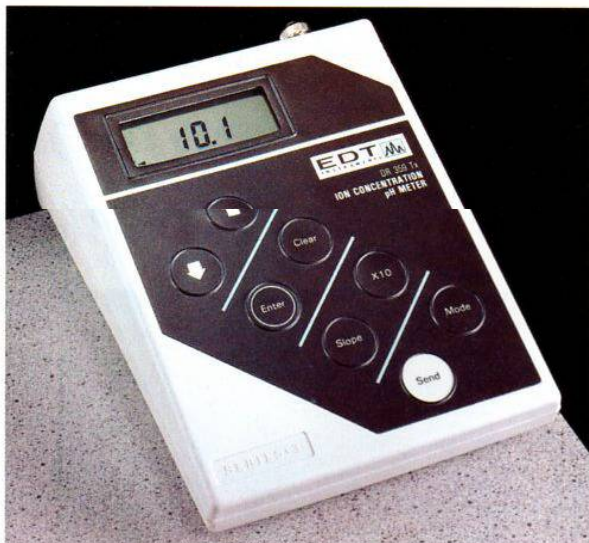
This advanced Ion Concentration meter from EDT Instruments is a robust, automatic instrument, designed to give results that are both accurate and reliable.

★DR359TX



*The meter offers
 the following
 features*

- ★ Mains or battery operation
- ★ Robust, splash-proof case
- ★ Bi-directional RS232 interface
- ★ pH, concentration, mV and temperature modes
- ★ Direct readout in concentration units.
- ★ 5 point calibration on concentration
- ★ Automatic pH calibration and ATC
- ★ Memory back-up
- ★ Slope inspection
- ★ Full diagnostic codes



The DR359Tx is an advanced, ion concentration meter. The meter automatically calculates the relationship between two or more concentration standards and stores this in memory, allowing unknowns to be read directly.

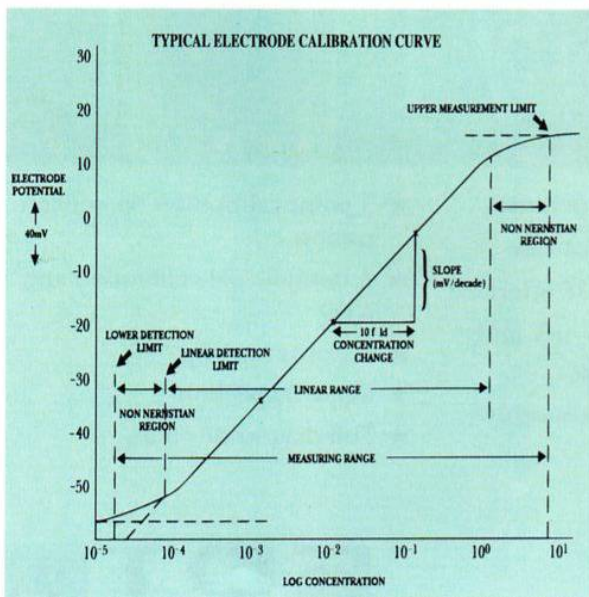
Anion/cation recognition is automatic and up to 5 calibration points may be entered, enabling the user to cover a wide dynamic measurement range with just one calibration.

The DR359Tx also provides full pH facilities including automatic calibration and temperature compensation.

Error codes on all modes assist with troubleshooting whilst slope can be inspected to check the condition of electrodes and standards.

The RS232 interface allows direct printing of results or full external computer control.

The meter may be used with the complete range of combination and half-cell ion selective and pH electrodes available from EDT Instruments Ltd.



DR359TX

Specifications

Concentration display/accuracy	0.001 to 1990, $\pm 0.5\%$
Concentration calibration	5 points
pH Range/resolution	0 - 14.00pH
Accuracy	± 0.01 pH
Automatic pH calibration	4, 7, 10 pH
Manual calibration	Yes
mV Autoranges	± 400 mV or ± 2000 mV
mV Resolution/accuracy	0.1mV or 1mV $\pm 0.2\% \pm 1$ digit
Auto/manual temp. comp.	0 - 99.9°C
°C range	-5 to +5°C
°C resolution	0.1°C
°C accuracy	± 0.5 °C
Recorder output	0-200.mV
Karl Fischer output	10 μ A
RS232 output	1200 Baud
Manual mode	Output of all values
External mode	Output of all parameters on demand
Display	12.7mm LCD
Instrument size	210x150x88mm (DxWxH)
Instrument weight	600g
Power	9v battery or AC adaptor

Ion Selective Electrodes available

QSE321	Ammonia
QSE334	Ammonium
QSE312	Barium
QSE302	Bromide
QSE309	Cadmium
QSE310	Calcium
QSE301	Chloride
QSE306	Copper
QSE304	Cyanide
QSE333	Fluoride
QSE303	Iodide
QSE307	Lead
QSE311	Nitrate
QSE314	Potassium
QSE308	Silver
QSE315	Sodium
QSE305	Sulphide

A full range of reference and pH electrodes are also available

