

Electrochemistry

pH meters, bench top



pH/mV/°C Meters, bench top, Thermo Scientific Eutech, pH 2700



Thermo
SCIENTIFIC

Education: useful for most laboratories, ecological studies and other applications.

Laboratory: environmental studies, chemical labs, titrations and quality assurance testing, where GLP data management is required.

For use in all types of food processing.

- Up to 6 point calibration with auto buffer recognition
- Quick, easy electrode diagnosis with multiple pH slopes and offset display
- Non-volatile memory holds up to 500 data points, with time and date stamp for GLP compliance
- Comprehensive self diagnostic messages
- Cal due alarm to prevent inaccurate calibrations
- Auto logging function for convenient continuous monitoring
- Password protection for setup and calibration

Technical Specification - General

pH	Range, pH	-2.000 to 20.000
	Resolution, pH	0.1 / 0.01 / 0.001
	Accuracy, pH	±0.002 + 1 LSD
	Calibration	Up to 6 preset or 5 custom points
	Buffers included	USA, NIST, DIN, User1, User2, Custom
	Slope	Yes (with offset)
	Temperature compensation	Automatic or manual (0°C to 100°C)
	Temperature range, °C	0.0 to 100.0
mV	Inputs	BNC, ATC, reference (half cell)
	Range, mV	±2,000.0 ±2,000.0 (Rel.mV)
	Resolution, mV	0.1
	Accuracy, mV	±0.2
Temperature	mV measurement	Up to ±150 offset adjustments
	Resolution, °C	0.1
	Accuracy, °C	±0.3
General	Light	Yes (backlight)
	Memory	500 Data sets
	Alarm	Cal due: user selectable from 1 day to 31 days High / low: user selectable, visual and audible
	Dimensions [l x w x h], mm	175 x 155 x 69 (meter only)
	Electrical supply	Adapter 9V d.c., 1.3A (100-240V a.c., SMPS)

Catalogue No	Legacy No	Alt. No	Description	Contents
12913517	-	ECPH270042GS	pH 2700 meter kit	pH 2700 meter with pH electrode, ATC probe, integral electrode holder, 100-240V a.c. adapter, RS232 cable, and pH electrode refill solution
12923517	-	ECPH270040S	pH 2700 meter only	pH 2700 meter with integral electrode holder and 100-240V a.c. adapter, RS232 cable

Accessories

Catalogue No	Legacy No	Alt. No	Description
12673125	-	ECFC7252101B	General purpose plastic body, single junction gel filled pH combination electrode, 12mm x 90mm, BNC connector, 1m cable
11662379	-	ECFG7370101B	pH electrode double junction, Ag/AgCl refillable glass body with BNC connector, refill electrolyte and 1m cable
11816332	-	ECPH5TEMB01P	ATC probe
12981708	-	ECPHELSTDC	Electrode stand with swivel arm
11513885	-	60X426401	Power adapter 100-240V a.c. SMPS, 9V, 6W