

VIKING500T Benchtop pH Meter pH/Temp. (mV/ORP)

Product Details

Product Number

PRO5980



Technical Specification:

Features

GENERAL FEATURES

- Color High contrast LCD touchscreen, 7.0 inches (Optional 4.3 inches segmented LCD)
- Intelligent operation system provides features including user management, calibration management, method management, data management and etc.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Single channel
- Automatic/Manual temperature compensation ensures accurate results.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB or RS-232 communication.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.
- 1-6 points calibration with Standard Recognition.
- Selectable pH buffer groups, including DIN, NIST, USA, MERK, JIS, GB.
- Support for pH standard group customization.
- Automatic electrode diagnosis with pH slope and offset display.

Includes

- Sensor: TRIS kit pH Premium glass electrode for pure water
- T-818-Q Temperature probe
- NIST pH standard solution (4.01, 7.00, 10.01) , 50ml/vial
- COLO-6 electrode stand
- Touch pen

Specifications

Model		VIKING500T
Parameters		pH/Temp. (mV/ORP)
pH	Range	-2 to 16 pH
	Resolution	0.1, 0.01, 0.001pH
	Accuracy	0.01 pH
	Calibration Points	Up to 6
mV/ORP	Range	0 to 0 mV
	Resolution	1 mV
	Accuracy	1 mV
	EH ORP Mode	Yes
Temperature	ORP Calibration Points	1 custom point (relative mV)
	Range	-5 to 105 °C
	Unit	°C, °F
	Resolution	0.1
	Accuracy	0.3°C
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
	Data Storage	1000 Groups
Data management	GLP Features	Yes
	Log Management	Yes
Inputs	pH Electrode	BNC (Q9)
	Temp. Probe	4-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC, scanner
	RS 232	printer, auto-sampler
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Power	AC Adapter, 100-240V AC input, DC24V output
	Dimensions	227×147×70 mm
	Weight	630g (2.09 lb)

Accessories: