

Benchtop / Portable ISFET pH Meter



59540-32







- Auto buffer recognition of 9 buffers, .1/.01/.001 pH resolution
- One, two or three-point calibration
- Memory/Recall of 20 data sets
- Windows SmartLogger software for uploading time, date, pH, temperature, and mV readings to your PC
- AC adapter for desktop operation and 9V battery for portability included

SPECIFICATIONS

Probe Type	Stainless steel with ISFET silicon chip pH sensor; Built-in reference and temperature sensor
Range	Meter: 0-14 pH
Resolution	0.1 / 0.01 / 0.001 pH / 0.1mV / 0.1 °C
Accuracy	± 0.01 pH / ± .1 mV / ± 0.5 °C
Buffer Recognition	Automatic nine buffers (1.68, 4.00, 6.86, 7.00, 7.41, 9.18, 10.01, 11.88, 12.45) or user selectable to any value
Temperature	-5 to 105°C; automatic temperature compensation
Memory	20 data sets
Outputs	RS-232
Display	LCD, simultaneous pH and °C
Power	120 VAC or 240 VAC adapter (specify) and 9 volt battery backup (included)
Dimensions / Weight	6.5 W x 2.0 H x 4.5" D (165 x 50 x 115mm) 3.0 lbs (1.3 kg)

Standard Accessories Include: ISFET non-glass pH probe style specified, 9V battery, 100V or 220V AC adapter, and Operator's Manual.

Catalog No.	Model No.	Description	Price
ZT-59540-32	IQ240-66	IQ240 pH meter with general purpose probe, AC adapter & Smart Logger software	
ZT-59540-34	IQ240-16	IQ240 pH meter w/micro probe, AC adapter & SmartLogger Software	
ZT-59540-36	IQ240-NP	IQ240 pH meter only (no probe), AC adapter & SmartLogger Software	
Accessories			
ZT-59540-08	IQPP10-01	Tape Printer Kit	
ZT-59540-09	PS100	Probe Stand	
ZT-17106-20	—	NIST Traceable Calibration with Data	

Catalog No.	Model No.	Probe Description	Price
ZT-59540-51	PH66-SS	Stainless steel pH probe with ISFET silicon chip sensor for general pH testing. The virtually unbreakable ISFET sensor requires no maintenance and stores dry. Easy cleaning with a toothbrush and detergent.	
ZT-59540-46	PH16-SS	Stainless steel micro pH probe. This pH probe requires only 2 mm immersion to obtain a stable reading. Includes all the same features as the general purpose pH probe.	
ZT-59540-75	PH56-SS	Stainless steel pH probe with ISFET silicon chip sensor. Heavy duty handle for meat piercing applications.	
ZT-59542-80	PH36-SS	Stainless steel, ISFET micro probe with piercing tip. The probe is ideal for applications that require minimal evidence of piercing. ISFET sensor stores dry, requires no maintenance and is easy to clean.	
ZT-59540-66	PH46-SS	NMR Tube probe. This probe is the same as the micro probe except that the smaller section is extended to a length of approximately 8 in (20 cm). This allows the probe to be inserted into an NMR tube container to measure the sample at the bottom of the tube. Immersion depth needs to be approximately 2 mm.	