



Fisherbrand™
 QUALITY. RELIABILITY. VALUE.

AE150 Benchtop Meter

When performance counts and budget matters

AE150 Benchtop Meter

The essential functions needed for routine measurements without complicated features and processes at a budget-friendly price

Designed for routine pH measurements in the lab with convenience in mind – user-friendly functionality, stored datasets in non-volatile memory and meter-attachable electrode stand.

Efficient sample reading and recording with flexible display options – display both pH and temperature or mV and temperature simultaneously.



Specifications

pH	
Range	0.00 to 14.00pH
Resolution	0.01pH
Accuracy	±0.01pH
Calibration Points	1 to 5 points with automatic buffer recognition (ABR)
pH Buffer Calibration Options	USA: pH 1.68, 4.01, 7.00, 10.01, 12.45 NIST: pH 1.68, 4.01, 6.86, 9.18, 12.45
mV	
Range	±1999mV
Resolution	0.1mV (199.9mV), 1mV beyond 200mV
Accuracy	±0.2mV (±199.9mV), 2mV beyond 200mV
Offset Adjustment	Up to ±150mV
pH Slope & Offset Display	Yes
Inputs	BNC, 2.5mm phono plug, reference pin tip, ground
Output	Recorder (±2000 mV)
Power Requirements	AC/DC 9V adapter (110/220 VAC, 50-60Hz)
Warranty	Three years
Temperature	
Range	0.0 to 100.0°C
Resolution	0.1°C
Accuracy	±0.3°C
ATC Temperature Calibration	Offset in 0.1°C increments; Offset range: ±5°C
Temperature Compensation	Automatic or manual (0 to 100°C)
Memory	100 datasets
Hold Function	Yes
Self-Diagnostic Messages	Yes

With essential functions needed for routine measurements.

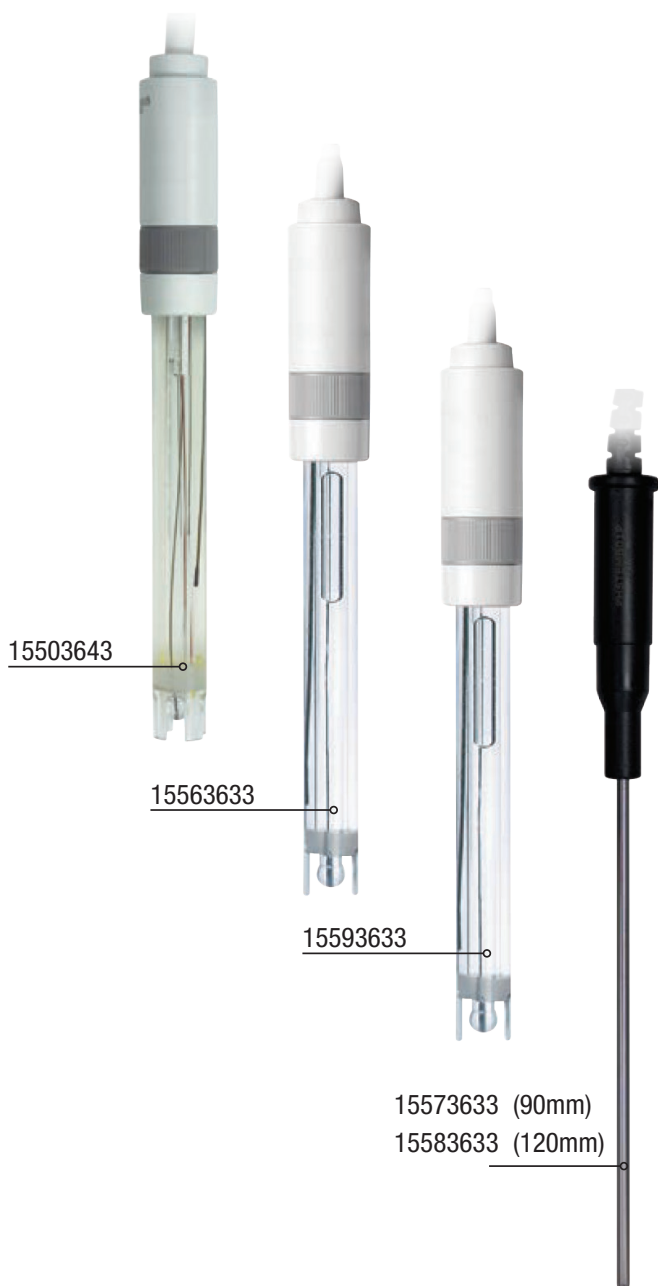
- One to five point pH calibration
- Automatic buffer recognition with selection of two pH buffer sets
- pH slope and offset display
- One point mV calibration
- One point ATC temperature probe calibration
- Automatic or manual temperature compensation
- 'Ready' icon to indicate measurement stability
- Electrode condition icon to indicate status
- 100 dataset storage with non-volatile memory



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15503643

15563633

15593633

15573633 (90mm)

15583633 (120mm)

Ordering Information

Cat No.	Description	Quantity
15514693	Benchtop pH meter AE150 meter and stand	1
15524693	Benchtop pH meter AE150 education set with single junction gel pH electrode, ATC probe and stand	1
15534693	Benchtop pH meter AE150 bio set with double junction gel pH electrode, ATC probe and stand	1
15544693	Benchtop pH meter AE150 3-in-1 set with 3-in-1 single junction gel pH/ATC electrode and stand	1

Accessories

Cat No.	Description	Quantity
15563633	Single junction gel pH electrode	1
15503643	pH/ATC gel pH electrode	1
15593633	Double junction gel pH electrode	1
15573633	ATC electrode 90mm	1
15583633	ATC electrode 120mm	1

pH buffers

Cat No.	Description	Quantity, mL
10427260	Buffer colour coded solution pH4.00 (phthalate) red, traceable to NIST	1,000
10477830	Buffer colour coded solution pH7.00 (phosphate) yellow, traceable to NIST	1,000
10284240	Buffer colour coded solution pH10.00 (borate) blue, traceable to NIST	1,000



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