

# Facile pH Meter

Cat No: PH-M-16

**MOLEQULE-ON<sup>®</sup>**



## Description

The MOLEQULE-ON *Facile* benchtop pH meter contains all the elements that are required for ease-of-use and accurate readings in all procedures. The Facile pH/mV/temperature benchtop pH meter is the latest meter that is renowned for its reading quality, user friendliness and improved usability. The pH range is wide enough covering -2.0 to 16.0. Repeatable readings with 0.01 pH and 0.1 mV resolution. Simple calibration with automatic buffer recognition. The simple and durable electrode is trouble free and easy to maintain. Large and high contrast LCD display make Facile easy to read and measure.

## Features

- Large, backlit, high contrast LCD displays pH/mV and temperature simultaneously
- Simple calibration with automatic buffer recognition
- Calibration data is stored in memory and is ready for use on power up
- Automatic / manual temperature compensation
- Automatic lock mode and end point sensing lock in stable readings
- AC adaptor or battery power with low battery indicator
- Renowned accuracy and repeatability
- Upgraded user experience and usability
- Improved electrode serviceability and low cost of ownership

## Specifications

Model	Facile pH Meter
pH Range	-2.00 to 16.00 pH
pH Resolution	0.01 pH
pH Accuracy	0.01 pH
Temperature Range	0.0 to 100.0 °C
Temperature Resolution	0.1 °C
Temperature Accuracy	± 0.2 °C
ORP Range (Absolute)	- 1999.9 to 1999.9 mV
ORP Resolution	0.1 mV
ORP Accuracy	± 0.005% F.S
pH Temperature Compensation	Auto/manual 0.0 to 100.0 °C
pH Buffer Recognition	(1.68, 4.01, 7.00, 10.01, 12.46) or (1.68, 4.00, 6.86, 9.18, 12.46)
pH Buffer Temperature Range	0 to 60 °C
pH Electrode Offset Recognition	±1.5 pH
pH Electrode Slope Recognition	±30%
Input Impedance	>10 <sup>13</sup> ohms
Calibration Backup	Yes
Audio Feedback	All touch keys
End Point Sensing & Hold	Yes
LCD Size (ph/mV/Temp)	16 mm: 21 mm high LCD
Ambient Temperature Range	0 to 50 °C
Relative Humidity	Up to 90%
ATC Probe	Thermistor, 10k ohm
Power Supply	Batteries or AC adapter
Weight	504 grams (batteries included)
Dimensions (w x d x h)	150 x 203 x 72 mm