

Handheld Ionmeter

Laboratory and Handheld Ionmeters

pH/ION 340i

pH, mV and Concentration Measurements in one Hand

The pH/mV and ionmeter pH/ION 340i offers the highest degree of flexibility possible. For pH measurements the instrument can be calibrated manually or automatically and offers simultaneous display of pH and temperature. For measurements with ion-selective electrodes the pH/ION 340i offers concentration display in mg/l. Direct display in mV to ± 999.9 mV in 0.1 mV steps; and to ± 1999 mV in 1 mV steps.

Of course, even in these higher ranges the concentration is calculated from a mV resolution of 0.1 mV. Calibration is carried out with up to three standards (selected from 16 standards in the range of 0.01 to 1000 mg/l).

Operating on either line power or rechargeable battery for up to 1500 hours with "LoBat" warning means that the instrument can be used in the Lab or in the field.

Lightweight and compact, these impact meters are IP 66 (hose proof) and IP 67 (submersible).

The built-in datalogger for up to 500 measurements together with GLP calibration protocol offers a comprehensive documentation of the results. With analog or digital data transfer (RS 232), automatic recognition of stable measurements (AutoRead), electrode evaluation and calibration interval monitoring functions ensure reproducible and comprehensible measurements.



IP 66
IP 67

CE

UL
CUL

3 Years
Warranty

Technical Data

Model	pH/ION 340i	
Range/ Resolution	pH:	-2.000 ... +19.999 pH
	mV:	-999.9 ... +999.9 mV -1999 ... +1999 mV
Temperature: Conc.:		23 ... 221 °F (-5 ... +105 °C/0.1 °C)
		0.01 ... 1999 mg/l
Accuracy (± 1 digit)		± 0.005 pH
		± 0.01 pH
		± 0.3 mV, ± 1 mV
		± 0.1 K
Calibration	MultiCal® automatic calibration:	
	AutoCal	2-point
	AutoCal-Tec	2-point
	ConCal®	1-/2-point
	ISECal	2-/3-point

- Handy, waterproof
- Up to 1500 hours continuous operation
- GLP

Ordering Information

Handheld Ionmeter	Order No.
pH/ION 340i Robust and waterproof handheld ionmeter with datalogger and serial interface	2G30-100
Universal wide-range power supply 100 V - 240 V, 50-60 Hz; for 340i series	902 867

Parameter

pH

ORP

ISE

Oxygen
(D.O.)

Conductivity

Multi-
parameter

BOD/
Respiration

Photometers

Turbidity

Colony
Counter

Software/
Printers

For more information, please contact us:

ExpotechUSA
10700 Rockley Road
Houston, Texas 77099
USA

281-496-0900 [voice]

281-496-0400 [fax]

E-mail: sales@expotechusa.com

Website: www.ExpotechUSA.com