

Product Details

Product Number

PRO4949



Technical Specification:

Viking ISE600 — Laboratory pH / Ion Meter

Catalog (PDF)

- pH / ISE / ORP / mV / °C
- 1–6 point ISE calibration
- 7" touchscreen
- GLP-compliant data management
- USB & RS-232 connectivity

OVERVIEW

□ Viking ISE600 pH/Ion Meter is a professional benchtop analyzer for high-accuracy measurement of pH, ion-selective electrodes (ISE), oxidation–reduction potential (ORP), mV and temperature. Designed for water laboratories, utilities and research institutions, the ISE600 combines multi-parameter versatility with an intuitive 7" touchscreen and GLP-compliant data management.

The instrument supports 1–6 point ISE calibration (direct reading, standard/sample addition and Gran plot) with ISE units µg/L, mg/L, g/L, mmol/L and pX. Smart tools simplify routine work: user / electrode / method / data management, audit trails, calibration reminders and up to 1000 data sets per parameter stored internally. With optional DO module it offers barometric and manual salinity compensation, making ISE600 a flexible platform for demanding water-quality applications and method development.

COLO.SCIENCE KNOWLEDGE

Understanding dissolved oxygen & water-quality measurements

Learn more about dissolved oxygen, ion-selective measurements and practical water-quality applications in our COLO.Science resources:
Understanding Dissolved Oxygen – The Key to Water Quality and the Water Quality category.

Read on COLO.Science →

TYPICAL APPLICATIONS

- Drinking-water and wastewater laboratories
- Industrial and environmental monitoring
- Fertilizer and food industry quality control
- Educational, chemical and environmental research institutions
- Water-utility laboratories and contract testing services

TECHNICAL SPECIFICATIONS

Parameter	Range	Resolution	Accuracy
pH	–2.000 to 20.000 pH	0.1 / 0.01 / 0.001	±0.002 pH
ORP / mV	–2000 to +2000 mV	0.1 / 0.01 mV	±0.03% FS
ISE (Ion)	1.00E-9 to 9.99E9	4 significant digits	±0.3%
Temperature	–5 to 130 °C	0.1 °C	±0.1 °C
pX	–2.000 to 20.000 pX	0.1 / 0.01 / 0.001	±0.002 pX

- Barometric & manual salinity compensation for the DO module (if installed).

- Data storage: up to 1000 data sets per parameter in instrument memory.
 - Interfaces: USB & RS-232 for PC, printer or LIMS connection.
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STANDARD DELIVERY & ACCESSORIES

- Viking ISE600 main unit (SKU: PRO6086)
- pH / ISE measurement module
- Electrode holder and power adapter
- Starter set of calibration solutions
- USB cable for PC / printer connection
- Multilingual user manual and quick-start guide
- Access to COLO.Science articles and application notes for water-quality measurements

Downloads & support: see [Catalog \(PDF\)](#) and [COLO.Science knowledge hub](#) for application examples and method guidance.

Accessories: