

GALLENKAMP QP458 PORTABLE COMBINED PH AND CONDUCTIVITY METER



G A L L E N K A M P

OVERVIEW

The QP458 Portable combined pH and Conductivity meter is the third in a series of Quality Portable meters from Gallenkamp. All are state of the art instruments made in the UK. The clear backlit graphic display guides the user through every operation ensuring that even the most unskilled operation can perform accurate analysis without an instruction manual.

Every instrument in the QP range has a mini USB output for printing or exporting sample and calibration data. If printing is not possible there is a 10,000 data point, 64 file internal memory to enable field data to be recorded.

Power is via 4 x AA batteries. Lifetime is impressive due to a highly efficient display with brightness and contrast options along with many other power saving features.

FEATURES

- Dual pH and Conductivity Display
 - 1,2 or 3 Point pH Calibration
 - Auto Conductivity Calibration
 - Auto endpoint
 - Automatic Temperature Compensation (ATC)
 - Automatic Standard Recognition
 - pH Buffer correction
 - Calibration alarms
 - Millivolt and Relative millivolt modes
 - Total Dissolved Solids (TDS) Mode
 - Data logging and internal Data storage.
 - Micro USB Data output
 - Real time clock
 - BNC /DIN and 3.5mm Jack connectors
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- Tough Waterproof Carry case
 - Impressive array of accessories and consumables.

The QP458 Kit comes complete in a Tough Deep Carry Case and comprises:

QP458 Meter, E8080 pH Electrode, E8051 ATC probe, 4 x AA Batteries, Buffer capsules pH4 (A3096) and pH7 (A3097),

E8074 Conductivity/ATC Cell, A3052 1413 $\mu\text{S}/\text{cm}$ Standard, 4 x AA Batteries, 100ml Sample Bottle, Deep Carry case E8402.

The QP range of products are extremely Tough, Splash-proof and practical and carry a two year warranty.



Code	Dimensions (LxWxH)	Weight (g)	Battery life
GK-QP458	175x88x48mm	350g	4 x AA Batteries 200Hrs constant use

Summary	Technical specifications same as QP451 pH and QP481 Conductivity meters
Automatic pH calibration	Automatic calibration in all modes
Automatic Temperature Compensation (ATC)	ATC across the entire range for pH and conductivity
Battery Life	Over 200 hours continuous use. Power saving features include: Auto off, Backlight control, logging sleep mode
Conductivity Accuracy	+/- 0.2% of Reading
Conductivity Range	Auto-ranging from 0-999mS/cm. in appropriate unit
Connection	Multi pin DIN for conductivity/temperature combined probe. BNC for pH with 3.5mm jack for ATC
Data Output	Mini USB, Outputs csv at 38400 Baud
Data Storage	Dynamic Internal Storage of up to 64 files. Logging maximum 10,000 data points
Display	Backlit LCD Graphic Display
Power requirement	4 x AA Batteries
Range mV	+/- 1999 mV
Range pH	-2 to 16 pH
Reference Temperature	Set at 25 degrees C
Size	280cm x 220cm x 155cm (outer case)
Weight	1.7kg

Temp Compensation	Fully Automatic (ATC)
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Beacon House
Nuffield Road
Cambridge
CB4 1TF
United Kingdom

Tel: +44(0)1223 727 100
Email: sales@fistreem.co.uk