



# AQUACHECK® AC2000

## Portable Multiparameter Water Quality Meter

Essential water quality parameters such as pH, conductivity, TDS, dissolved oxygen and ORP are evaluated to assess water, in terms of suitability for human consumption and to determine wastewater treatment efficiency.

Water samples collected for the purpose of quality testing become unstable when removed from source, which means rapid testing is essential for accuracy. On site testing therefore boasts advantages over main laboratory tests where timing is crucial.

The solution to this is fully portable and adaptable instruments that return results comparable with laboratory methods, that Environmental engineers can rely on.

The AquaCheck Multiparameter Water Quality meter is a high-quality modern test instrument that is intuitive to use, and with a wide range of traditional and ISE sensors available, means the AC2000 has the versatility to suit your testing requirements.



SPECIALIST MANUFACTURERS OF ENVIRONMENTAL  
ANALYSIS AND MONITORING EQUIPMENT





# AQUACHECK® BENEFITS

- Large colour graphic LCD screen with backlight
- Built-in foldable meter stand
- IP67 waterproof and dustproof
- Battery and USB Powered
- Eco - friendly, shockproof, scratch resistant and non-slip
- Built-in sensor holders



- Efficient sensor locking mechanism
- Sensors LED light as reading stability indicator
- Ergonomic design
- Rugged carrying case
- Multi language options
- Simultaneous calibrations and measurements
- Data transfer via USB or wireless communication
- Multiple sensor combinations can run in unison

- Sensor head with built-in digital circuit that retains sensor and measurement information.
- Sensor cartridge is replaceable, cost efficient and environmentally friendly.
- No electrolyte refilling required for pH sensor
- Built in temperature sensor
- Wide range of conductivity measurements possible





# TECHNICAL SPECIFICATIONS

Memory	10,000 Data with date and time stamp
Data Log	Auto / Manual
Measurement Modes	Auto Stable / Auto Hold / Real Time
Calibration Alarm	Programmable: 0 to 400 days
Auto Power Off	Programmable: 0 to 60 minutes
Real- time Clock	Available
Sensor Status	On display
Diagnostics	Error codes
Language	English, Japanese, French, German, Spanish, Portuguese, Chinese
PC Communications	Via Micro USB cable or wireless
Printer Communication	Via 25- pin D-sub printer (RS232) cable
Meter Input	Push-pull connector
Display	Colour graphic TFT-LCD, 3.5 inches
Housing	IP67, shock & scratch resistant, non-slip (ABS / Polycarbonate)
Power Requirement	4 x AA batteries / battery pack or USB charger with micro USB cable
Battery Life	> 100 hours (with display brightness 3 and no sensor connected).
Dimensions	220 (L) X 90 (W) X 34 (H) mm
Weight	Approx.400g (batteries included), 320g (batteries excluded)
Standard Accessories	Carrying case, 4x AA batteries, wireless SD card, manual and quick guide

# SMART DIGITAL SENSORS

All sensor heads are offered with a 2m cable (10m cable also available).

## Sensor cartridge

Replaceable, cost efficient and environment-friendly



## Sensor head with built-in digital circuit

Retains sensor and measurement information



# KIT & CONTENTS

DESCRIPTION	QTY
Carry (IP68 waterproof case)	1
AquaCheck Instrument	1
AquaCheck pH	1
AquaCheck EC	1
pH 4.01 Buffer Solution 60ml	1
pH 7.00 Buffer Solution 60ml	1
USB Mains Charger	1
USB Car Charger	1
USB Cable	1

# CONSUMABLES AND REAGENTS

DESCRIPTION	PACK SIZE	PART NUMBER
AquaCheck® Digital Multi-parameter Meter AC2000-MO (Meter Only)	EACH	AC2000-MO
AquaCheck® Digital Multi-parameter Meter kit, Model AC2000	UNIT	AC2000
REPLACEMENT CONSUMABLES AND REAGENTS	PACK SIZE	PART NUMBER
AquaCheck® AC2000 pH Kit		AC2-PH-KIT
AquaCheck® AC2000 EC Kit		AC2-EC-KIT
pH sensor head		AC2-P-2
Conductivity sensor head		AC2-C-2
pH sensor cartridge		AC2-P-C
Conductivity sensor cartridge		AC2-4C-C
pH calibration solution 4.01, 60m		HCPH0401
pH calibration solution 4.01, 500mL		HCPH0401-500
pH calibration sachet 4.01, Pk 10		HCPH0401S
pH calibration solution 7.00, 60mL		HCPH0700
pH calibration solution 7.00, 500mL		HCPH0700-500
pH calibration sachet 7.01, Pk 10		HCPH0701S
pH calibration solution 10.01, 60mL		HCPH1001
pH calibration solution 10.01, 500mL		HCPH1001-500
pH calibration sachet 10.01, Pk 10		HCPH1001S
EC calibration solution 84uS, 60ml		HCEC0084
EC calibration solution 84uS, 500mL		HCEC0084-500
EC calibration solution 1,413uS, 60mL		HCEC1413
EC calibration solution 1,413uS, 500mL		HCEC1413-500
EC calibration solution 12,880uS, 60mL		HCEC1288
EC calibration solution 12,880uS, 500mL		HCEC1288-500

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