

# Water Test Meters



Precision electrochemical instruments.  
Water Testing Made Easy.

  
**KITTIWAKE**  
monitoring innovation

# Multi-Parameter Test Meters

FG-K27091-KW



## ECON Multi-Parameter Test Meter

An accurate “all in one” pH, TDS and Temperature meter, which fits into the Kittiwake ECON test kit case range. Large, easy to read, dual level LCD screen and automatic shut off. Conductivity and TDS measurements are automatically compensated for the effects of temperature (ATC). Fitted with a replaceable pH electrode and graphite EC/TDS cell for extended life, this robust multi-meter is an ideal accompaniment to any water test kit.

Part Number	Product Description	Parameter	Range	Features
FG-K27091-KW	ECON Combination pH/Conductivity/TDS/Temperature °C	Conductivity	0 -20.00 mS (0-20000µS)	Single point EC/TDS calibration. 3 point pH calibration. Variable TDS/EC conversion factor. Auto power off (8 minutes)
		TDS	0-10.00 ppt (0-10000ppm)	
		Temperature	0-60 °C	
		pH	0-14 pH	

FG-K22618-KW



## DIGI Multi-Parameter Test Meters

The Kittiwake DIGI PC300 meter is a fully portable, highly accurate instrument for the professional water analyst. IP67 rated (fully waterproof) multimeter for optimum durability and reliability. Features include push button, auto ranging, multi-point calibration with variable temperature coefficients and probe diagnostics. The ultimate multimeter!

Part Number	Product Description	Parameter	Range	Calibration Points	Features
FG-K22618-KW	Cyberscan PC 300 Meter (Supplied in plastic carry case with buffer solutions, wash bottle and instruction booklet)	pH	-2.00 to 16.00 pH	Up to 5 points	Stability Indicator; Auto Power-Off after 30 minutes; Hold; Self-diagnostics messages; Auto select buffers; Push button calibration; fully waterproof.
		Conductivity	0 to 19.99, 199.9, 1999 µS/cm; 19.99, 199.9 mS/cm		
		TDS	0 to 9.99, 99.9, 999 ppm; 9.99, 99.9 ppt, Max. 199.9 ppt (depending on factor setting)		
		Temperature	0 to 100.0 °C; 32.0 to 212 °F		

### Replacement Probes / Sensors

FG-K22619-KW	pH/temperature Probe for PC300 Meter
FG-K22620-KW	Conductivity Probe for PC300 Meter
FG-K28879-KW	ECON Combination pH Sensor
FG-K28880-KW	ECON Combination pH Sensor Removal Tool

### Calibration / Buffer Solutions

AS-K20022-KW	Standard Conductivity Solution, 50uS, 125ml
AS-K20016-KW	Standard Conductivity Solution, 1413uS, 65ml
AS-K20018-KW	Standard Conductivity Solution, 1413uS, 500ml
AS-K26161-KW	Standard Conductivity Solution, 2765uS, 65ml
AS-K26163-KW	Standard Conductivity Solution, 2765uS, 500ml
AS-K20006-KW	pH 4.0 Buffer Solution, 65ml
AS-K20008-KW	pH 4.0 Buffer Solution, 500ml
AS-K20009-KW	pH 7.0 Buffer Solution, 65ml
AS-K20011-KW	pH 7.0 Buffer Solution, 500ml
AS-K20003-KW	pH 10.0 Buffer Solution, 65ml
AS-K20005-KW	pH 10.0 Buffer Solution, 500ml

# Conductivity and Total Dissolved Solids (TDS) Test Meters

FG-K27378-KW



## ECON Conductivity/TDS Test Meters

Most ECON kit cases will hold one or more ECON test meters. The EC and TDS Testers are fully waterproof (IP67 rated) and are extremely reliable and durable. Advanced electronics with push button calibration, make these an ideal choice for the more experienced Water Analyst.

Part Number	Product Description	Parameter	Range	Features
FG-K27378-KW	ECON 7021 Pocket Conductivity/TDS/°C/Salinity Meter	Conductivity TDS Temperature Salinity	0-1999 µS & 0.01 -19.99 mS 0-999 ppm & 1.0-9.99 ppt 0-90 °C 0-999 ppm & 1.0-9.99 ppt	IP 67 Rated, Large LCD Display, ATC, Auto Power Off, Hold function & replacement sensor (if required)
FG-K27242-KW	ECON EC Tester11 Meter	Conductivity	0-2000 µS & 0 - 20.00 mS	As above
FG-K27241-KW	ECON TDS Tester11 Meter	TDS	0-2000 ppm & 0-10.00 ppt	As above
FG-K24887-KW	TDS5031 Pocket TDS Meter	TDS	10 - 9990 ppm	Splashproof, extendable probe, A.T.C. & manual calibration

## DIGI Conductivity/TDS Test Meters

The Kittiwake DIGI range of Conductivity/TDS test meters are designed to complement the DIGI test kit range. All meters are fully portable and offer highly accurate conductivity/TDS measurement. The Cyberscan CON 11 has a dual LCD display (Conductivity/TDS/Temperature), single or multi-point calibration mode, is auto ranging and can store up to 100 data sets for download to a PC. The meter will also give cell characteristics to track deterioration.



Part Number	Product Description	Parameter	Range	Calibration Points	Features
FG-K26761-KW	EcoScan CON 6 meter and sensor	Conductivity Temperature	0 to 19.99, 199.9, 1999 µS/cm; 19.99, 199.9 mS/cm 0 to 100 °C	Up to 5 points (1 point per range)	Auto Power-Off after 17 minutes; Hold & Self-diagnostic messages; auto ranging capability
FG-K26760-KW	Eutech EcoScan CON 6 Test kit				As above, but includes case, buffers and sensor
FG-K26763-KW	EcoScan TDS 6 meter and sensor	TDS Temperature	0 to 9.99, 99.9, 999 ppm; 9.99, 99.9 ppt, Max. 199.9 ppt (depending on factor setting) 0 to 100 °C	Up to 5 points (1 point per range)	Auto Power-Off after 17 minutes; Hold & Self-diagnostic messages; auto ranging capability
FG-K26762-KW	EcoScan TDS 6 Test kit				As above, but includes case, buffers and sensor
FG-K25796-KW	CyberScan CON 11 Con/TDS meter and sensor	Conductivity TDS Temperature	0 to 19.99, 199.9, 1999 µS/cm; 19.99, 199.9 mS/cm 0 to 9.99, 99.9, 999 ppm; 9.99, 99.9 ppt -10.0 to 110.0 °C	Up to 5 points (1 point per range)	Auto-ranging; Hold; Stability Indicator; Self-diagnostic; & Auto-Power Off (selectable); stores up to 50 test results

## Replacement Probes / Sensors

- FG-K27382-KW: CON/TDS Sensor for 7021 Meter
- FG-K27102-KW: CON/TDS Probe for CON 6 and TDS 6 Meters
- FG-K28877-KW: EC/TDS Tester11 Sensor
- FG-K22620-KW : Conductivity Probe for CON11 Meter

## Conductivity/TDS Calibration Solutions

- AS-K20022-KW Standard Conductivity Solution, 50uS, 125ml
- AS-K20016-KW Standard Conductivity Solution, 1413uS, 65ml
- AS-K20018-KW Standard Conductivity Solution, 1413uS, 500ml
- AS-K26161-KW Standard Conductivity Solution, 2765uS, 65ml
- AS-K26163-KW Standard Conductivity Solution, 2765uS, 500ml

# pH Test Meters

## ECON pH Test Meters

Kittiwake ECON pH test meters are designed to complement the ECON test kit range. All meters are fully portable and offer an economically priced option for accurate pH measurement. Test meters can be added to many of the standard ECON kit cases to complete a suite of tests.

The ECON pH 5011 unit (FG-K25644-KW) is supplied in a plastic carry case with calibration buffer and instructions. A large LCD screen means results can be easily read. Single point calibration and an extendable electrode, makes this unit ideal for general or routine monitoring across a variety of industrial applications.



Part Number	Product Description	Parameter	Range	Calibration Points	Features
<b>FG-K27377-KW</b>	ECON 7011 Pocket pH Meter Redox (Additional probe required)	pH mV Temp	-2 - 16 pH -1000 to 1000 0-90 °C	3 point push button	IP 67 Rated, Large LCD Display, ATC, Auto Power Off, Hold function & replacement sensor (if required)
<b>FG-K27050-KW</b>	ECON pH Tester10 Meter	pH Temp	-1 to 15.0 pH 0-50 °C	3 point push button	As above
<b>FG-K25644-KW</b>	ECON pH 5011 Pocket pH Meter	pH	0 - 14 pH	Single point (pH 7)	Splashproof, extendable probe & manual calibration



## DIGI pH Meters

The Kittiwake DIGI range of pH test meters are designed to complement the DIGI test kit range. All meters are fully portable and offer highly accurate pH measurement. Ecoscan meters are available as complete test kits, including case, buffer solutions, wash bottle and instruction booklet. Alternatively, they can be purchased as individual units for inclusion in the Kittiwake DIGI test kit range.

All Ecoscan pH meters are supplied in a protective rubber boot and feature a large LCD screen, push button 3 point calibration and self diagnostic error messages. The power saving design means the meter will auto off after 17 minutes if not in use.

Part Number	Product Description	Parameter	Range	Calibration Points	Features
<b>FG-K22606-KW</b>	EcoScan pH 6 pH meter and temperature probe (excluding pH probe)	pH mV °C	0.00 to 14.00 pH, -1000 to +1000 mV 0 to 100 °C	Up to 3 points (USA, NIST)	Auto power-off after 17 minutes; hold, self-diagnostic messages, auto buffer recognition
<b>FG-K22605-KW</b>	EcoScan pH 6 pH Test kit				As above, but includes case, buffers and all probes
<b>FG-K25795-KW</b>	CyberScan pH 11 pH meter	pH mV °C	-2.00 to 16.00 pH ±199.9 mV (extended) and ±1999 mV -10 to 110 °C temp.	Up to 5 points (USA, NIST)	Stability indicator, self-diagnostic, hold, auto-power off, memory stores 50 sets of data, auto buffer recognition

## Replacement Probes / Sensors

- FG-K27380-KW** pH sensor for 7011 Meter
- FG-K22611-KW:** Temperature probe for pH 6 Meter
- FG-K22612-KW:** pH probe for pH 6 Meter
- FG-K22619-KW:** pH/temperature probe for pH 11 Meter
- FG-K27381-KW:** Redox sensor for 7011 Meter
- FG-K28876-KW:** pH Tester10 Sensor

## pH Buffer Solutions

- AS-K20006-KW** pH 4.0 Buffer solution, 65ml
- AS-K20008-KW** pH 4.0 Buffer solution, 500ml
- AS-K20009-KW** pH 7.0 Buffer solution, 65ml
- AS-K20011-KW** pH 7.0 Buffer solution, 500ml
- AS-K20003-KW** pH 10.0 Buffer solution, 65ml
- AS-K20005-KW** pH 10.0 Buffer solution, 500ml

## ORP / Redox Test Meters

FG-K22594-KW



### ECON ORP / Redox Test Meters

A redox meter in the 'tester' series, which is suitable for inclusion in the Kittiwake ECON Test Kit cases. Ideal for checking pool redox values, or for spot checking auto-dosing equipment.

Part Number	Product Description	Parameter	Range	Calibration Points	Features
FG-K22594-KW	ORP Test 10 Tester	mV	-999 to +1000 mV -10 - 200 °C 0.1 / 1 °C increment	1 (±150 mV offset)	Large Dual Custom Display, Self-diagnostic; Hold function; Auto-Power Off
FG-K27381-KW	Redox Probe for pH 7011 Meter (refer to pH meter section)				

### ORP/Redox Calibration Solutions

AS-K24891-KW	Quinhydrone Powder	10g
AS-K20008-KW	pH 4 buffer solution	500 ml
AS-K20011-KW	pH 7 buffer solution	500 ml

**Note:** Quinhydrone + pH 4 buffer = -263mV  
Quinhydrone + pH 7 buffer = -86mV

## Dissolved Oxygen Test Meters



### FG-K27283-KW DIGI Dissolved Oxygen Test Meter

These DIGI units in the Ecoscan range are supplied in a protective rubber boot and are ideal for routine dissolved oxygen measurements. Both meters are accurate to +/- 1.5 % (0.01 mg/l resolution) and have built in salinity and pressure correction. In addition, the Cyberscan D0300 has the capacity to store up to 50 sets of data with date/time stamping and features a large, backlit screen.

Part Number	Product Description	Parameter	Range	Calibration Points	Features
FG-K27283-KW	Ecoscan D06 Test Meter	Dissolved Oxygen	0.00-20.00 mg/l	2 points	Barometric pressure correction. Salinity correction. Self diagnostic, electrode characteristics
FG-K27282-KW	Cyberscan D0300 Test Meter	Dissolved Oxygen	0.00-20.00 mg/l	2 points	Stores up to 50 sets of memory, date/time stamping, Barometric pressure correction. Salinity correction. Self diagnostic, electrode characteristics, backlit display

### Spare Equipment

Part Number	Product Description
FG-K27284-KW	Galvanic DO Probe with ATC (1m cable) for Ecoscan DO6
FG-K27347-KW	Refilling Electrolyte (50ml) for Ecoscan DO6
FG-K27285-KW	Assembled membrane cap housing for Ecoscan DO6

# Temperature Test Meters



## ECON & DIGI Temperature Test Meters

Temperature is an important measurement for the Water Treatment Engineer. Providing crucial evidence of operating load, biocidal activity or microbiological risk.

The EcoScan Temp 6 Meter gives quick, accurate measurement. Alternatively, high specification thermometers are available which are conveniently packaged so that they can be carried in a jacket pocket.

Part Number	Product Description	Range	Features
<b>BI-K21418:</b>	Spirit Pocket Thermometer	-10 to 110 °C	
<b>AS-K27606-KW:</b>	Spirit Pocket Thermometer (10)	-10 to 110 °C	
<b>FG-K22621-KW:</b>	Digital Pocket Thermometer	-10 to 200 °C 14 to 392 °F	LCD, Water Resistant & Hold Function
<b>BI-K27855:</b>	Engineers Temperature Meter & Probe	-50 to 150 °C -58 to 302 °F	Calibration Check + Stainless Steel Probe
<b>FG-K27860-KW:</b>	EcoScan Temp 6 Meter & Probe	-200 to 850 °C -328 to 1562 °F	Toggle between °C / °F, Offset Adjustment, Hold & Auto-Power Off, interchangeable probe
<b>FG-K27861-KW:</b>	EcoScan Temp 6 K Type Surface Contact Probe		

### Kittiwake Developments Ltd

3 - 6 Thorgate Road Littlehampton  
West Sussex BN17 7LU United Kingdom  
Tel: + 44 (0)1903 731470  
Email: sales@kittiwake.com  
Web: www.kittiwake.com

### Kittiwake GmbH

Marie-Curie-Str. 5  
25337 Elmshorn Germany  
Tel: +49 (4121) 463948  
Email: info@kittiwake.de  
Web: www.kittiwake.de

### Kittiwake Asia Pacific

E-8-6 Block E Megan Avenue 1  
189 Jalan Tun Razak Kuala Lumpur 50400 Malaysia  
Tel: +60 (3) 2333 8906  
Email: zainudiny@kittiwake.com  
Web: www.kittiwake.com

### Water Kits Supply

ZT Pyrene Aero Pole, Teleport 3,  
65290 Juillan, France  
Tel: +33 5629 51794  
Email: contact@water-kits.fr  
Web: www.kittiwake.com

