

Meters - Conductivity

HQ14d Portable Conductivity Meter

Dedicated Conductivity Meter - excellence in conductivity measurement!

- Designed for use with any of Hach's IntelliCAL conductivity probes
- Password-protected data for accurate, tamper proof reporting
- 500-point event log stores measurements, calibrations and check standards

Comes with HQ14d Meter, manual and 4 AA batteries.

Power : 4 AA batteries; Battery life: > 200 hours Optional AC/DC power

Display: Display readings from one probe

Conductivity Probes: selected parameter, temperature correction, temperature

Data Memory: 500 data points

Data Storage: GLP/ISO compliant reading data stored with calibration details. Calibration details and check standard readings documented as events in log. Automatically store in "press to read" mode and interval measurement mode. Manually store in "continuous read" mode.

Temperature Correction/Compensation: Automatic

Display Lock Function: Continuous measurement or "press to read" mode (available with averaging function)

Automatic Standard Recognition: Choose from 11+ custom sets

Water Resistance: Meter Casing: 1 meter submersion for 30 minutes (IP67)



Rowe Code: TBA



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Meters - Analyser

Australian Made Electrochemical Instruments

Field-Lab Analyser

TPS

The Model 90-FL Micro-processor Field-Lab Analyser is a major step forward in portable electrochemical measurement.

This is a single multi-purpose instrument for Autoranging Conductivity or linearised Salinity, Dissolved Oxygen, pH and Temperature. and Turbidity. Temperature compensation is fully automatic in all modes. The 90-FLMV also measures mV.

In the Dissolved Oxygen mode, the 90-FL features automatic Salinity Compensation for parts per million mode (ppm).

An 80 character LCD display is used for "HELP" messages, calibration information, and Data readout. Calibration procedures and compensation functions are fully automated. There are no knobs to set. The fully-sealed membrane keypad and the LCD display make operation of the 90-FL very simple.

The 90-FL is designed for rugged field applications in wet environments. The case, keypad and all input connectors are designed for water resistant operation, and complete corrosion resistance.

Features:

- Data logging of up to 60 readings
- Optional extended logging up to 1980 readings
- Optional RS232 interface



Rowe Code	Description
IA2500	Field-Lab Analyser Model 90-FL
IA2510	Field-Lab Analyser Model 90-FLMV
IA2501	Field-Lab Analyser Model 90-FLT

Kit includes

Handbook
 Buffers
 Conductivity standard
 Salinity standard
 NiCad battery
 Charger & cable

Please ask our sales team about the recommended probe & cable options

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Meters - Conductivity

Conductivity and TDS Testers with ATC Hanna



The DiST testers are reliable, pocket-sized instruments that will give you quick and accurate readings of conductivity and TDS. Simply dip the tester and read the display. Automatic Temperature Compensation assures that all readings are corrected to compensate for the effect of temperature.

DiST 1 & DiST 3

- Water treatment (softener, demineralization, reverse osmosis, drinking water).
- Fish farming and aquariums plants
- Pollution control

DiST 2 & DiST 4

- Agriculture, horticulture and hydroponics.
- Cooling towers
- Boiling and steam heating
- Water purification plants

All with 1 point manual calibration
All with Automatic temperature compensation

Rowe Code	Model	Range	Resolution	Waterproof
IC1150	DiST 1	1999ppm(mg/L)	1ppm (mg/L)	No
IC1209	DiSTWP1	1999ppm(mg/L)	1ppm(mg/L)	Yes
IC1160	DiST2	10000ppm(mg/L)	10ppm(mg/L)	No
IC1210	DiSTWP2	10000ppm(mg/L)	10ppm(mg/L)	Yes
IC1142	DiST 3	1999mS/cm	1mS/cm	No
IC1215	DiSTWP 3	1999mS/cm	1mS/cm	Yes
IC1166	DiST 4	19999mS/cm	10mS/cm	No
IC1220	DiSTWP 4	19999mS/cm	10mS/cm	Yes

WP-84 Conductivity - Salinity - Waterproof - Temperature

TPS

Waterproof Conductivity, Salinity and Temperature meter. 32 character display with user-friendly menu system. 150 reading Notepad with automatic data logging. Calendar clock with GLP feature. NiCad battery. RS232 interface.



Rowe Code	Description
IC1103	WP-84, Conductivity-Salinity-Temp, Waterproof, Meter

Kit Includes:

k=1/ATC/Temp Sensor
 2.76mS/cm Cond Std, 200ml
 2ppK Salinity Std, 200ml
 Battery Charger
 WP-84 Handbook

Optional Sensors

k=10/ATC/Temp Sensor
 k=0.1/ATC/Temp Sensor
 Extended cable / metre
 (Maximum 10 metre cable length)

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Meters - Dissolved Oxygen

90-D Dissolved Oxygen Meter Portable model

TPS

The TPS **90-D** Microprocessor Oxygen Analyser is a major step forward in portable dissolved oxygen measurement. This is a multi-purpose instrument for Dissolved or Gaseous Oxygen and Temperature. Automatic Temperature Compensation (ATC), and programmable Salinity Compensation are provided in the Parts Per Million mode (ppm).

The **90-D** uses an 80 character LCD display for "HELP" messages, calibration information, and data readout. Calibration procedures and compensation functions are fully automated. The **90-D** is designed for rugged field applications in wet environments. The case, keypad and all input connectors are rated for IP65 water resistant operation, and complete corrosion resistance. A standard feature of the **90-D** is a Data Logging function. Up to 60 readings can be stored for later review or downloading. Optional extended data logging available.

Rowe Code	Description
ID1360	Dissolved Oxygen Meter for field and industrial applications, Model 90-D . Kit contains NiCad rechargeable battery, 240V AC Charger and 90-D handbook
ID1205	Dissolved Oxygen - Temp, Field Sensor YSI without cable. Includes filling solution and membrane kit. Can be submerged to 60m. The waterproof connector is weighted to ensure easy sinking
ID1365	3m cable for YSI Sensor. Other cable lengths available.



WP82 Dissolved Oxygen - Temperature Meter - Waterproof Portable TPS

The Model WP-82 DO meter is waterproof and is available in two versions. Salinity, altitude and barometric pressure can all be manually corrected. It has a 150 reading notepad with automatic logging. The WP-82 has a calendar clock with GLP feature, while an RS232 interface is optional.

Like the rest of the WP Series, the WP-82 is the ideal instrument for use in the harshest of conditions, while it is equally at home in the laboratory or industrial environment.

Rowe Code	Description
ID1109	DO/Temp Meter, Model WP-82 - uses the ED500-WDO Sensor
ID1190	DO/Temp Sensor ED500-W with 3m cable and membrane kit (waterproof plug). Maximum submersible depth for sensor is 3m
ID1110	DO/Temp Meter, Model WP-82Y - compatible with the YSI DO Sensor.
ID1205	DO/Temp Field Sensor, YSI, without cable.
ID1211	3m cable for YSI Sensor, other cable lengths available

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Meters - Multi Parameter

labCHEM-pH

TPS



Rowe Code: IP1163

labCHEM-C

Rowe Code: IC1230

Conductivity-TDS-
Temperature Meter

labCHEM-CP

Rowe Code: IC1231

Conductivity-TDS-pH-
Temperature Meter

At last - a pH meter that has all the features required for precision laboratory work, but which is easy enough for anybody to use.

The 16 character alphanumeric display has huge 14.5mm digits. It features simultaneous readout of pH/mV and temperature and user-friendly full-text messages.

The new Automatic Stability Function (ASF) makes taking readings absolutely simple. When all the readings have fully stabilised, the ASF system will freeze the display and show a tick. The reading can then be recorded as required. The user can also disable the ASF system.

The labCHEM-pH is ideal for Quality Control laboratories, plant operators, educational use and many other purposes. It has been designed primarily for ease of use. Operators with little or no laboratory experience can operate the labCHEM-pH with complete confidence quickly and easily.

The labCHEM-pH is fully waterproof to IP65, so it is suitable for even the harshest laboratory or factory environments. It has just four keys to make operation of the labCHEM-pH absolutely simple.

Calibration of the labCHEM-pH is fully automatic at the press of just one key. The meter automatically recognises buffers and calibrates itself accordingly. The electrode asymmetry and slope are displayed at calibration, allowing for preventative maintenance and instant troubleshooting.

smartCHEM-pH

TPS



Rowe Code: IP1245

smartCHEM-LAB

Rowe Code: IA2204

Dissolved Oxygen,
Conductivity,TDS
2 Channels of Specific
Ion Concentration,
pH,mV or Relative mV
Temperature

The smartCHEM-pH is a research grade pH/mV meter with all the features expected in today's modern laboratories.

Datalogging

The smartCHEM-pH comes with a 2730 reading memory. Readings can be recorded manually, or automatically logged at preset intervals.

RS232 Computer Interface

The capabilities of the smartCHEM-pH have been expanded with the RS232 port, which is standard equipment (cable sold separately). All readings stored in memory can be downloaded to an RS232 printer or PC. The RS232 port also allows the smartCHEM-pH to log directly to the printer or PC. WinTPS Communication software for Windows 3.1 or 95, 98 & ME is available.

Automatic Stability Function (ASF)

ASF adds an extra level of versatility to the smartCHEM-pH. When ASF is activated, the smartCHEM-pH monitors all parameters that are currently in use. When ALL parameters become stable, the readings are frozen on the display. ASF is automatically activated with extra fine settings during calibration, to ensure the most accurate possible results for the user.

ASF can also be used during Manual and Automatic Datalogging. When used during Automatic Datalogging, the smartCHEM-pH will log until a stable end-point is reached for all parameters, then stop logging.

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Meters - Multi Parameter



HQ40d Dual-Input Multi-Parameter Digital Meter

Plug and Play with IntelliCAL™ probes - pH, conductivity, LDO.

- Dual display of two different parameters/probes!
- A single meter measures pH, Conductivity, and LDO®
- Simultaneously measure two different parameters at once
- View information from two probes on one screen (up to two parameters)
- Transfer GLP/ISO data effortlessly to PC or flash stick-transfer entire datalog, or individual readings
- Includes Field Kit, which contains a protective glove, 2 probe holders, and sample cups in one organized portable kit
- Quick and easy swapping of parameter/probe without re-calibration
- Password-protected data for accurate, tamper proof reporting
- 500-point data log stores measurements, calibrations and check standards, offering complete traceability

Comes with HQ40d Meter, manual, 4 AA batteries, power supply, USB/DC adapter and field kit (field kit includes protective meter glove, wrist strap, neck strap, 2 standard probe holders and 5 sample cups)

Parameter	Range
Dissolved Oxygen	0.01 - 20.0 mg/L 1 - 200% Saturation
pH	pH 2.00 - 14.00

Rowe Code: IM6700



View readings from two probes on one screen



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Meters - Multi Parameter

HQ30d Single-Input Multi-Parameter Digital Meter

Plug and Play with IntelliCAL(TM) probes -pH, conductivity, LDO.

Lighten your load with a single meter to measure either pH, Conductivity, or LDO interchangeably

- Quick and easy swapping of parameter/probe without re-calibration
- Password-protected data for accurate, tamper proof reporting
- 500-point event log stores measurements, calibrations and check standards

Comes with HQ30d Meter, manual and 4 AA batteries.

Parameter	Range
Dissolved Oxygen	.01 - 20.0 mg/L 1 - 200% Saturation
pH	pH 2.00 - 14.00

Rowe Code: TBA

Features one probe port for use with any of the IntelliCAL probes.



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Meters - pH

HQ11d Portable pH Meter

Dedicated pH Meter - pH measurement

- Designed for use with any of Hach's IntelliCAL pH probes
- Password-protected data for accurate, tamper proof reporting
- 500-point event log stores measurements, calibrations and check standards

Comes with HQ11d Meter, manual and 4 AA batteries.

Parameter	Range
pH	pH 2.00 - 14.00

Rowe Code: TBA



pH Testers Checker Series

Hanna

At the cost of a few rolls of pH litmus paper, you can have the industry's latest electronic pH tester. Checker® supplies you with fast and accurate readings on a large LCD. Unlike other pH testers, the Checker® electrode can be changed and any pH electrode of different shape or size can be used. Checker® is also suitable for checking electrodes in pipes and tanks and various industrial applications.

The extended family of Checker® pH testers now includes standard gelfilled electrodes with built-in BNC or screw-type connectors.

Some of the Checker®'s outstanding features include:

- Large and easy-to read LCD
- High accuracy with 0.01 pH resolution
- Two point fast and accurate calibration
- Usable with virtually any pH electrode
- Battery life: 3000 hours of continuous use
- Wide range: 0.00 to 14.00pH
- Replaceable pH electrode



Rowe Code	Model	Description
IP1700	Checker 1	supplied complete with HI1270 combination pH electrode, 2 x 1.4V batteries and instructions.
IP1701	Checker 2	supplied complete with HI1207 combination full-size screw-type, gel-filled pH electrode, 2 x 1.4V batteries and instructions
IP1702	Checker 3	supplied complete with HI1208 combination full-size BNC-type, gel-filled pH electrode, 2 x 1.4V batteries and instructions.
* Replacement electrodes are available for all the checker series of pH testers		

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Meters - pH

pH Testers pHep Family

Hanna

Hanna has completely redesigned the popular pHep range of testers. With more rugged casing and ergonomically enhanced design, they also feature a large LCD display for easier reading.



Rowe Code	Model	Range	Resolution	Calibration	Waterproof Housing	Temp Compensation
IP1800	pHep	0.0-14.0pH	0.1pH	Manual	no	N/A
				1 point		
IP1890	pHep1	0.0-14.0pH	0.1pH	Manual	yes	N/A
				1 or 2 points		
IP1801	pHep2	0.0-14.0pH	0.1pH	Manual	yes	Automatic
				1 or 2 points		
IP1802	pHep3	0.0-14.0pH	0.1pH	Automatic	yes	Automatic
				1 or 2 points		

WP-81 pH-Conductivity - Salinity - Waterproof - Temperature TPS

Waterproof pH, Conductivity, Salinity and Temperature meter. Auto-ranging Conductivity and Salinity readings. 32 character display with user-friendly menu and help system. 150 reading notepad with automatic logging. Calendar clock with GLP feature. Battery saver function. RS232 port.



Rowe Code	Description
IC1105	Meter, pH-Conductivity-Salinity-Temperature Waterproof, Model WP81,TPS
IS10325	Electrode k=1.0/ATC/Temp
IP1400	Electrode Combination pH
IC19557	Standard, 2.76m/Scm Conductivity (200mL)
ID1315	Standard, 2ppK TDS (200mL)
IS1055	Sensor, k=10 Conductivity/Salinity/Temperature 5m cable
IS1029	Sensor, Glass k=0.1 Conductivity/Salinity/Temperature

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Meters - Probes IntelliCAL™

CDC401 IntelliCAL Standard Conductivity Probe

IntelliCAL(TM) Standard Probes are accurate, pre-calibrated, and reliable.

Move probes between meters without the need to re-calibrate

Track performance with calibration history

Probe alerts when re-calibration is needed

Ultimate trackability-easily obtain:

- Time and Date stamp
- Operator and Sample ID
- Calibration history
- Parameter
- Reading

Factory calibrated probes-be up and running right out of the box

Waterproof to 3 meters for 24 hours (IP68)

Unbreakable, locking, color-coded connectors for easy identification of parameter

Choice of cable lengths-1 or 3 meters

Range

0.01 μ S/cm - 200.0 mS/cm

0 - 42 g/kg (ppt) Salinity

0.0 - 50.0 mg/L TDS

Cable Length	Part Number	Rowe Code
1 metre	CDC40101	TBA
3 metre	CDC40103	TBA

CDC401 IntelliCAL Rugged Conductivity Probe

IntelliCAL(TM) Rugged Probes can reliably test in harsh environmental conditions.

Move probes between meters without the need to re-calibrate

Super tough, stainless steel body and polymer sensor shroud

Reinforced, steel sheathed cables-durable yet manageable

Waterproof to 3 meters for 24 hours (IP68)

Unbreakable, locking connectors-color-coded for easy identification.

Choice of cable lengths-5, 10, 15, or 30 meters

Track performance with calibration history

Probe alerts when re-calibration is needed

Ultimate traceability-easily obtain:

- Time and Date stamp
- Operator and Sample ID
- Calibration history
- Parameter
- Reading

Factory calibrated probes-be up and running right out of the box

Cable Length	Part Number	Rowe Code
5 metre	CDC40105	TBA
10 metre	CDC40110	TBA
15 metre	CDC40115	TBA
30 metre	CDC40130	TBS



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Meters - Probes IntelliCAL™

LDO101 IntelliCAL Standard Dissolved Oxygen Probe

IntelliCAL(TM) Standard Probes are accurate, pre-calibrated, and reliable.

Move probes between meters without the need to re-calibrate

Track performance with calibration history

Probe alerts when re-calibration is needed

Ultimate trackability-easily obtain:

- Time and Date stamp
- Operator and Sample ID
- Calibration history
- Parameter
- Reading

Factory calibrated probes-be up and running right out of the box

Waterproof to 3 meters for 24 hours (IP68)

Unbreakable, locking, color-coded connectors for easy identification of parameter

Choice of cable lengths-1 or 3 meters

Range: 0.01 - 20.0 mg/L 1 - 200% Saturation

Cable Length	Part Number	Rowe Code
1 metre	LDO10101	TBA
3 metre	LDO10103	TBA



LDO101 IntelliCAL Rugged Dissolved Oxygen Probe

IntelliCAL(TM) Rugged Probes can reliably test in harsh environmental conditions.

Move probes between meters without the need to re-calibrate

Super tough, stainless steel body and polymer sensor shroud

Reinforced, steel sheathed cables-durable yet manageable

Waterproof to 3 meters for 24 hours (IP68)

Unbreakable, locking connectors-color-coded for easy identification of parameter

Choice of cable lengths-5, 10, 15, or 30 meters

Track performance with calibration history

Probe alerts when re-calibration is needed

Ultimate traceability-easily obtain:

- Time and Date stamp
- Operator and Sample ID
- Calibration history
- Parameter
- Reading

Factory calibrated probes-be up and running right out of the box

Range: 0.01 - 20.0 mg/L 1 - 200% Saturation

Cable Length	Part Number	Rowe Code
5 metre	LDO10105	IP5302
10 metre	LDO10110	TBA
15 metre	LDO10115	TBA
30 metre	LDO10130	TBA



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Meters - Probes IntelliCAL™



PHC101 IntelliCAL Standard Gel Filled pH Electrode

IntelliCAL(TM) Standard Probes are accurate, pre-calibrated, and reliable.

Move probes between meters without the need to re-calibrate

Track performance with calibration history

Probe alerts when re-calibration is needed

Ultimate traceability-easily obtain:

- Time and Date stamp
- Operator and Sample ID
- Calibration history
- Parameter
- Reading

Factory calibrated probes-be up and running right out of the box

Waterproof to 3 meters for 24 hours (IP68)

Range pH 2 - 14 (Refillable PHC30101 has range pH 0 - 14)

Unbreakable, locking, color-coded connectors for easy identification of parameter

Choice of cable lengths-1 or 3 meters

Cable Length	Part Nummber	Rowe Code
1 metre	pHC10101	IP5315
3 metre	pHC10103	TBA



PHC101 IntelliCAL Rugged Gel Filled pH Electrode

IntelliCAL(TM) Rugged Probes can reliably test in harsh environmental conditions.

Move probes between meters without the need to re-calibrate

Super tough, stainless steel body and polymer sensor shroud

Reinforced, steel sheathed cables-durable yet manageable

Waterproof to 3 meters for 24 hours (IP68)

Range pH 2 - 14 (Refillable PHC30101 has range pH 0 - 14)

Unbreakable, locking connectors-color-coded for easy identification of parameter

Choice of cable lengths-5, 10, 15, or 30 meters

Track performance with calibration history

Probe alerts when re-calibration is needed

Ultimate traceability-easily obtain:

- Time and Date stamp
- Operator and Sample ID
- Calibration history
- Parameter
- Reading

Factory calibrated probes-be up and running right out of the box

Cable Length	Part Nummber	Rowe Code
5 metre	pHC10105	TBA
10 metre	pHC10110	TBA
15 metre	pHC10115	TBA
30 metre	pHC10130	TBA

Meters - Specific Ion

Specific Ion Meter - Benchtop

TPS



Rowe Code: IS1101

smartCHEM-Ion3

Rowe Code: IS1103

3 channels of Specific Ion Concentration, pH, mV or Relative mV Temperature

The smartCHEM-Ion is a research grade Specific Ion/pH/mV meter with all the features expected in today's modern laboratories.

Fully programmable for any Monovalent or Divalent Anion or Cation. Simultaneous display of...

Specific Ion, pH or mV
Temperature
Date & Time

Automatic Stability Function

PIN Code Access

Programmable "Calibration Due" Alarm

240 x 64 dot graphic display with large digits, full text messages and backlight.

2730 reading memory with Automatic Datalogging.

RS232 computer interface port.

Automatic calibration.

Readout of probe condition for instant troubleshooting.

Fully waterproof design.

Specific Ion Meter - Portable

TPS Model WP-90



Waterproof handheld Specific Ion-pH-mV meter. Fully programmable Specific Ion function. 32 character display with user-friendly menu and help system. 150 reading Notepad with Auto Logging. Calendar clock with GLP feature. Optional RS232 port.

Rowe Code	Description
IS1143	Specific Ion/pH/mV/Temp Meter, Waterproof TPS

Kit includes: Temp/ATC Sensor
Battery Charger
Handbook

For a complete range of Ion Selective Electrodes, Reference Electrodes, pH Sensors or Redox sensors please consult our sales team.

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Meters - TPS Aqua Series



The Aqua Series enclosure is waterproof to IP65, and will float if dropped into water. A sturdy carry case is available for field use.

TPS uses the latest microprocessor electronics to totally eliminate moving parts in the Aqua Series. There are no internal or external adjustments, resulting in excellent long term reliability.

The Aqua series use an alphanumeric display. This allows the units to provide plain English prompts and error messages. There are no obscure codes to interpret like some other brands. The simple keypad uses just four keys to perform all calibration and set-up functions, making operation of the Aqua series simple.

To calibrate the Aqua Series place the relevant sensor into the standard solution supplied and press the Calibrate key. That's all there is to it! Sensor condition is displayed after calibration has been completed, allowing for preventative maintenance. This information can be recalled on the display at any time. All calibration information is stored in memory when the Aqua Series is switched off, even if the battery is removed.

The Aqua Series are supplied with a 9V Alkaline battery, which provides up to 100 hours of continuous use, depending on model. A handy battery-saver function switches the meter off after 5 minutes if no keys have been pressed. This function can also be disabled.

The Aqua Series displays up to three parameters simultaneously, for example Conductivity, pH and Temperature on the Aqua-CP. The user can choose which two parameters are displayed. Alternatively, a large digit mode is available which displays one parameter at almost double the digit size.

The Aqua Series is proudly designed and manufactured in Australia and has been certified in accordance with the AS/NZS ISO 9001 standard. Since 1968, TPS has built a reputation for excellent backup service that is second to none. The Aqua Series sets the standard for Quality, Service and Value for handheld instruments.

ROWE CODE	MODEL	pH	mV	Conductivity	TDS	Dissovled Oxygen	Temperature	Notes
IM1197	Aqua-pH	X	X				X	
IC1240	Aqua-CP	X		X	X		X	Single range conductivity & TDS
IC1242	Aqua-CPA	X		X	X		X	Auto-ranging conductivity & TDS
ID1106	Aqua-D					X	X	Uses TPS ED1 Dissolved Oxygen sensor
ID1108	Aqua-DY					X	X	Uses YSI Dissolved Oxygen sensor
IC11125	Aqua-C			X	X		X	
IT2800	Aqua-TP	X	X		X		X	

Meter Accessories - Electrodes



pH/Redox Electrodes

Intermediate Junction (IJ) Electrodes

Ionode

The new IJ electrodes from IONODE are a breakthrough for pH measurement. They combine a refillable gel electrolyte with an easy to clean sleeve reference junction to produce electrodes with:

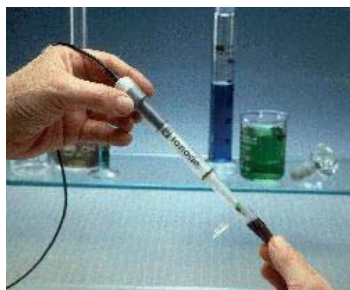
- Accuracy
- Durability
- Versatility
- Value for money



IJ44 - pH Electrode - with 1m cable

Rowe Code	Connector
IP14401	BNCO
IP14405	RASO
IP14410	BELO
IP14371	TPS4

Other variations of cable length (up to 20m max) and type of glass tip are available.



Combination Redox Electrode -IJ64

Rowe Code	Connector
IP1360	BNCO
IP1362	TPS4
IP1364	METO

Reference Half Cell (Ag/AgCl) - IJ14

Rowe Code	Connector
IP1452 - with 2.5m cable + connector	4mm
IP1456	BNCO
IP14591	TPS4

Also available, optional temperature sensors for the pH electrode (IJ46) and reference half cell (IJ16).

Contact us ...



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Meter Accessories - Electrodes

Conventional pH Electrodes

Ionode

Rowe Code	Model	Body	Range	Tip	Connector	Description
IP1515	PBFB	Polypropylene	0-60°C	Bulb	BNC	Lab. electrode for high alkali. Suitable for continuous use over 13pH. Flow Ag/AgCl reference
IP1400	PBFC	Polypropylene	0-60°C	Bulb	BNC	General Purpose for Lab. Flow Ag/AgCl reference.
IP1500	PBFC	Polypropylene	0-60°C	Bulb	TPS4	
IP1425	GBFC	Glass	0-60°C 0-14pH	Bulb	BNC	Research Grade Lab. use Flow Ag/AgCl reference
IP1426	GBFC	Glass	0-60°C	Bulb	TPS4	
IP1430	GBFC	Glass	0-60°C	Bulb	Meto	
IP1411	IH20	Polypropylene	0-40°C 0-12pH	Spear	BNC	Economical, easy to clean membrane. Gel Ag/AgCl reference. Fully sealed
IP1526	IH20	Polypropylene	0-40°C	Spear	TPS4	



Conventional Redox Electrodes

Ionode

Rowe Code	Model	Body	Connector	Description
IP12951	IH30	Polypropylene	BNC	Gel AG/AgCl reference
IP12961	IH30	Polypropylene	BNC	(2m cable)
IP12971	IH30	Polypropylene	TPS4	
IP1306	PRFO	Polypropylene	BNC	Flow Ag/AgCl reference
IP1282	PRFO	Polypropylene	TPS4	



Single Junction Reference Electrodes

Ionode

Rowe Code	Model	Body	Range Tip	Connector	Description
IC1010	GOFC	Glass	0-66°C 0-14pH	4mm	Single Junction reference
IS1146	PJFO	Polypropylene	0-66°C	4mm	Single junction reference Ag/AgCl, flow

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