



**ELECTRODES
METERS
LAB SUPPLIES**

YOUR SUPPLIER



ionode

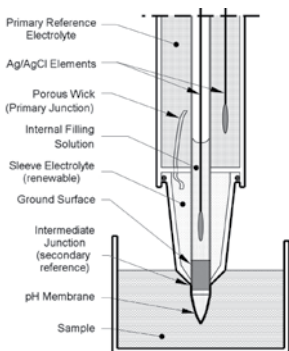
GOOD CHEMISTRY™



THE BENCHMARK IN LONG LIFE
AND HEAVY DUTY PERFORMANCE

AUSTRALIAN MADE SINCE 1972

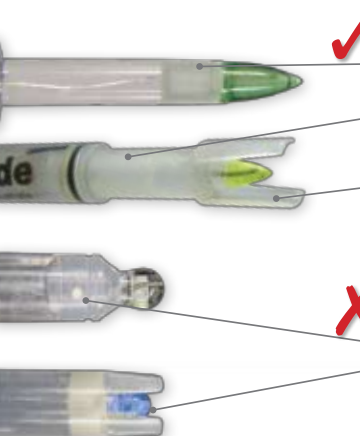
ANATOMY OF AN IJ ELECTRODE



INDUSTRY RECOMMENDED

The right choice for delivering precision, durability and value.

Preferred suppliers to the following industries:
water, waste water, food and beverage, wine, meat, education, medical, cosmetics, pharmaceutical, environmental, life science, agriculture, pool and spa, and dozens more ...



IONODE'S FREEFLOWING INTERMEDIATE JUNCTION

- Larger surface area provides premium performance
- Renewable reference sleeve defeats contamination
- Easy renewal of junction
- Each IJ comes with two reference sleeves, one for lab use, one for penetration.

INFERIOR JUNCTIONS

- small contact areas
- prone to blockage
- suitable only for clean samples



ionode

GOOD CHEMISTRY™



Technical support
Customer service



IJ Series | Intermediate Junction Electrodes

IH Series | Double Junction Electrodes

Budget Electrodes

Ion Selective Electrodes

Refillable Lab Electrodes

Industrial Screw-in Electrodes

Reference Electrodes



Premium and budget electrochemistry meters

Accessories, stands, stirrers

Photometers and reagents

Test strips

Visual test kits

Reagents & buffers



IJ SERIES

RENEWABLE INTERMEDIATE JUNCTION

pH



IJ-40

BULLET

IJ-44

SPEAR

IJ-46

FLAT

- Available with automatic temperature compensation.
- Available with high temperature solvent resistant barrel.

ION SELECTIVE



IJ-F • **IJ-CN** • **IJ-Br** • **IJ-I**

IJ-Cl • **IJ-Ag₂S** • **ISE-NH₃**

Fluoride, Cyanide, Bromide, Iodide,
Chloride, Silver/Silver Sulphide, Ammonia

ORP/METAL



IJ-64

Pt ORP

IJ-Ag

Silver Billet

IJ-Au

Gold ORP

- Available with high temperature solvent resistant barrel.

IH SERIES

DOUBLE JUNCTION SEALED GEL

pH

ORP



IH-40A

Sealed Gel
pH 0-12

IH-40C

Sealed Gel
pH 0-14

IH-30

ORP

Economical, robust and recommended for use in many diverse applications including aquaculture, hydroponics, swimming pools, water treatment, environmental, corrosion and teaching. The Ionode Ag/AgCl double junction gives fast, accurate results with super-long life and is the right choice for routine use in reasonably clean samples. Easy clean bullet membrane, water-proof to 30ft/10m and available with optional ATC.

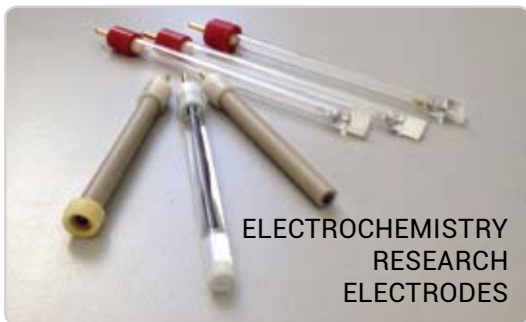
LAB P SERIES

SINGLE JUNCTION / REFILLABLE

The Ionode Lab **P Series** refillable electrodes are economical plastic bodied sensors featuring the Ionode pedigree in a single junction Ag/AgCl reference. Rugged construction makes them perfect for teaching or lab applications and where free-flowing electrolyte is required.



LAB RESEARCH SERIES



Electrochemistry electrodes for researchers studying techniques such as cyclic voltammetry (CV). Choose from working electrodes (WE) with gold, platinum and glassy carbon discs, as well as counter (CE), and reference (RE) electrodes. Ionode also offers calomel reference electrodes and other specialty products on request.



CONDUCTIVITY



Choose from a range of conductivity sensors for laboratory and field based measurements. Electrodes are available with a choice of body and plate material and K values to cover a wide range of applications.

METERS

BENCHTOP, HAND HELD, POCKET, GLP.

Economically priced Pocket, Benchtop and Hand-held meters with large, easy to read displays suitable for any application.



pH/mV, Ion, Dissolved Oxygen, Conductivity, Salinity, Multi-Parameter.



Pocket pH meter with unique renewable electrolyte.

PHOTOMETERS

REAGENTS, TEST STRIPS, KITS.



Accurate, simple to use and great value.

Photometers test for dozens of parameters including:

- chlorine, pH, alkalinity, salt, turbidity etc.
- sanitizers such as chlorine, chlorine dioxide and ozone.
- lead, cadmium, mercury and other heavy metals.
- cyanide, arsenic, pesticides, etc.
- water quality kits for home and education.
- choice of budget and premium models.
- Bluetooth enabled models for smartphone data collection.



LAB ACCESSORIES



pH Buffers
Conductivity Standards
ORP Standards
Traceable Standards
ISE Standards/ISA Solutions
Cleaning Solutions
Refilling Solutions & Gels



Stirrers & Stands
Mounting Kits
Connectors & Cables
In-Line & Process Solutions

SPECIFICATIONS

IJ SERIES - Intermediate Junction - Refillable

Model	Parameter	Range	Temp.	Sensor	ATC.
IJ-40A	pH	0-12	0-60°C	Bullet	Opt.
IJ-40C	pH	0-14	0-60°C	Bullet	Opt.
IJ-44A	pH	0-12	0-60°C	Spears	Opt.
IJ-44C	pH	0-14	0-60°C	Spears	Opt.
IJ-44C - HT	pH	0-14	0-100°C	Spears	Opt.
IJ-46	pH	0-12	0-60°C	Flat	Opt.
IJ-64	ORP	±2000mV	0-60°C	Pt wire	NA
IJ-64 - HT	ORP	±2000mV	0-100°C	Pt wire	NA
IJ-Ag	titration	±2000mV	0-60°C	Ag rod	NA
IJ-Au	ORP	±2000mV	0-60°C	Au wire	NA
IJ-14	Ref	-	0-60°C	-	NA

HT (High Temp) Kynar construction for higher resistance to solvents, higher operating temperature and increased strength and rigidity. Standard range features polypropylene body.

IJ SERIES - Combination Ion Selective

Model	Ion(s)	Range ppm	pH range	Interferences
IJ-F	Fluoride F ⁻	0.02-19,000	5-7	OH ⁻
IJ-Cl	Chloride Cl ⁻	1.8-35,500	2-12	S ²⁻ , Br ⁻ , Cl ⁻ , CN ⁻
IJ-Br	Bromide Br ⁻	0.79-79,900	2-12	I ⁻ , S ²⁻ , CN ⁻
IJ-I	Iodide I ⁻	0.13-130,000	2-12	Br ⁻ , CN ⁻ , S ²⁻
IJ-CN	Cyanide CN ⁻	0.05-25	9-14	S ²⁻ , I ⁻ , Br ⁻
IJ-Ag ₂ S	Sulphide Ag ⁺ /S ²⁻	0.01-107,900 Ag ⁺	2-8	Hg ⁺ , Hg ²⁺
		0.03-32,100 S ²⁻	>11	
ISE-NH ₃	Ammonia NH ₃	0.01-17,000	>11	Volatile amines

IH SERIES - Double Junction - Sealed Gel

Model	Parameter	Range	Sensor	Temperature Comp.
IH40A	pH	pH 0-12	Bullet	Optional
IH40C	pH	pH 0-14	Spears	Optional
IH30	ORP	±2000mV	Pt wire	NA

P SERIES - Single Junction - Refillable

Model	Parameter	Range	Sensor
PBFA	pH	pH 0-12	Bulb / 3 frits (LIS)
PBFC	pH	pH 0-14	Bulb
PJFO	Ref	-	Ref.
PRFO	ORP	±2000mV	Pt wire

Specifications are subject to change without notice.



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WWW.IONODE.COM
12 Walker St., Tennyson Qld. 4105
P. 07 3848 1660

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