






















### PH/ORP/Conductivity/Dissolve oxygen/Ion selective/Reference Electrodes price list 2012



Part No.	Description one pcs/box	PH range	Temp.range	Liquid junction	Reference	Internal reference	Dimension	Price	
<b>PH electrodes for Routine measurement with Glass body</b>									
6501	COMB PH ELECTRODE, GLASS BODY (General lab use,not fit for strong acidity or alkinity condition)	0-14	5-60℃	Ceramic	Single Re-Fillable	Ag/Agcl	Φ 12*165mm	\$33.00	
9503	COMB PH ELECTRODE, GLASS BODY (Suitable for high viscosity liquid such emulsion and oily liquid)	0-14	5-60℃	Ground glass sleeve	Single Sealed	Ag/Agcl	Φ 12*165mm	\$55.00	
1003	Triode 3-in-1 PH/ATC Probe (With temperature compensation) (Temperature sensor be Pt100/Pt1000 or thermistor)	0-14	5-60℃	Ceramic	Single Sealed	Ag/Agcl	Φ 12*165mm	\$55.00	
<b>PH electrodes for precise measurement with Glass body</b>									
6502	COMB PH ELECTRODE, GLASS BODY (Pure water measurement suitable) (Low ionic strength solution measurement)	2-12	5-90℃	Ceramic	Double junction Refillable	Ag/Agcl	Φ 12*165mm	\$55.00	
6503	COMB PH ELECTRODE, GLASS BODY (Acid, Alkali or high temp samples measurement)	0-14	5-90℃	Ceramic	Double junction Refillable	Ag/Agcl	Φ 12*165mm	\$55.00	
E-903	COMB PH ELECTRODE, GLASS BODY (High/low ionic concentration solution PH measurement) (Testing objective covering rain,acid rain,waste water, seawater, drinking water,distilled water)	0-14	5-90℃	Teflon	Double junction sealed	Ag/Agcl	Φ 12*160mm	\$45.00	
<b>PH Electrodes for Routine measurement with plastic body</b>									
E-201-9	COMB PH ELECTRODE, PLASTIC BODY (General lab or school use)	0-14	5-60℃	Fibre	Single Sealed	Ag/Agcl	Φ 12*160mm	\$18.00	
E-201-C-9	COMB PH ELECTRODE, PLASTIC BODY (Refillable Gel)	0-14	5-60℃	Fibre	Single Refillable	Ag/Agcl	Φ 12*160mm	\$18.00	
E-900	COMB PH ELECTRODE, PLASTIC BODY (High/low ionic concentration solution PH measurement) (Test objective covering rain,acid rain,seawater and drinking water)	0-14	5-60℃	Teflon	Single Sealed	Ag/Agcl	Φ 12*165mm	\$25.00	









Part No.	Description one pcs/box	PH range	Temp.range	Liquid junction	Reference	Internal reference	Dimension	Price	
<b>PH Electrodes for Routine measurement with plastic body</b>									
E-901	COMB PH ELECTRODE, PLASTICS BODY,FLAT SURFACE (For test of food,cheese,paper,skin,textile,leather and agar plates)	0-14	5-60°C	Teflon	Single Sealed	Ag/Agcl	Φ 12*155mm	\$55.00	
E-1000	Triode 3-in-1 PH/ATC Probe (With temperature Compensation) (Temperature sensor be Pt100/Pt1000 or thermistor)	0-14	5-60°C	Teflon	Single Sealed	Ag/Agcl	Φ 12*160mm	\$36.00	
Part No.	Description one pcs/box	Range	Accuracy	Temp.Range	Response time		Dimension	Price	
<b>Dissolved oxygen electrode</b>									
DO898	DISSOLVED OXYGEN ELECTRODE (Polarographic oxygen electrode) (Auto. Temperature compensation) (Stable zero point and small drift) (Convenient screw on membrane)	0.00-19.99 0.0-90.0	± 1.5%FS	5-45°C	30 Seconds		Φ 12*165mm	\$218.00	
Part No.	Description one pcs/box	Temp.range	Sensor type	Liquid junction	Liquid junction	Inter. Reference	Dimension	Price	
<b>ORP Electrodes</b>									
501	ORP COMBINATION ELECTRODE, PLASTIC BODY, SPIN Pt.	5-60°C	Pt.Pin	Fiber	Single Sealed	Ag/Agcl	Φ 12*160mm	\$45.00	
502	ORP ELECTRODE, PLASTIC BODY, O RING Pt	5-60°C	Pt.Band	Fiber	Single Sealed	Ag/Agcl	Φ 12*160mm	\$55.00	
503	ORP ELECTRODE, GLASS BODY, SPIN Pt (Suitable for corrosive liquid) (High temperature endurance)	5-90°C	Pt.Pin	Ceramic	Double Refillable	Ag/Agcl	Φ 12*165mm	\$64.00	
504	ORP ELECTRODE, GLASS BODY, O RING Pt (Suitable for corrosive liquid) (High temperature endurance)	5-90°C	Pt.Band	Ceramic	Double Refillable	Ag/Agcl	Φ 12*165mm	\$73.00	











Part No.	Description one pcs/box	Cell Material	Cell Constant(cm-1)	Dimension	Price	
<b>Conductivity Electrodes</b>						
DJS-1	K=1 CONDUCTIVITY ELECTRODE, GLASS BODY/PLATINUM (2 cells Pt. plates, optional of black or bright Pt.)	Glass/Pt.	1±0.1	Φ 12*150mm	\$33.00	
DJS-1W	K=1 CONDUCTIVITY ELECTRODE, GLASS BODY/PLATINUM WITH ATC (2 cells Pt. plates) (Optional of Pt.resistor or thermistor for temperature cell)	Glass/Pt.	1±0.1	Φ 12*160mm	\$55.00	
DJS-0.1	K=0.1 CONDUCTIVITY ELECTRODE, GLASS BODY/PLATINUM (2 cells Pt. plates) ( Suitable for pure water measurement)	Glass/Pt.	0.1±0.1	Φ 12*150mm	\$91.00	
DJS-0.1W	K=0.1 CONDUCTIVITY ELECTRODE, GLASS BODY/PLATINUM WITH ATC (2 cells Pt. plates)(Suitable for pure water measurement) (Optional of Pt.resistor or thermistor for temperature cell)	Glass/Pt.	0.1±0.1	Φ 12*160mm	\$109.00	
DJS-10	K=10 CONDUCTIVITY ELECTRODE, GLASS BODY/PLATINUM (2 Cells Pt. plates) (Suitable for waste water measurement)	Glass/Pt.	10±0.1	Φ 12*155mm	\$42.00	











### Process electrodes unique features



- \* Advanced teflon diaphragm with large ring section make the electrode with stable liquid junction;
- \* Unique structure prevent the electrode from pollution and blockage with long life;
- \* Reference system is filled with polymer for convenient use. No need to fill electrolyte;
- \* Installation with 3/4"NPT Pipe thread with safe and reliable sealing (**Non 3/4"NPT pipe electrode has clearly marked**)
- \* PPS used for outer tube material;
- \* This kinds of electrode has fixed cable. The length of the cable can be adjustable oriented to users request.






Part No.	Description one pcs/box	PH range	Tem.range	Sensitive Membrane shape	Dimension(shaft length)	Price	
<b>Process electrodes</b>							
8501	PROCESS PH COMBINATION ELECTRODE (On site routine PH measurement for polluted water)	0-14	5-80℃	Glass hemisphere	165mm	\$85.00	
8501P	PROCESS PH COMBINATION ELECTRODE (Adoption of sensitive glass membrane with low impedance) (On site Routin PH measurement for pure water)	2-12	5-80℃	Glass hemisphere	165mm	\$85.00	

Part No.	Description one pcs/box	PH range/range	Tem.range	Sensitive Membrane shape		Dimension(shaft length)		Price	
<b>Process electrodes</b>									
8502	PROCESS PH COMBINATION ELECTRODE, FLAT SURFACE (On site routine PH measurement for polluted water)	0-14	5-80°C	Flat		165mm		\$91.00	
8503	PROCESS ORP COMBINATION ELECTRODE (On site routine ORP measurement)	±1999mv	5-80°C	Pt. Band		165mm		\$91.00	
8504	Triode 3-in -1 PH/ATC PROCESS ELECTRODE (On site routine PH measurement with ATC) (Optional of Pt.100/Pt.1000 or thermistor for temperature sensor)	0-14	5-80°C	Glass hemisphere		165mm		\$140.00	
Part No.	Description one pcs/box	PH range	Temp.range	Pressure	Sensor	Connector	Dimension	Price	
8602	PROCESS PH COMBINATION ELECTRODE, GLASS BODY ( For pure water with high temperature analysis) (Polymer for reference) (Can be installed with thread PG13.5)	2-12	0-90°C	0.3MP	Glass bulb	PG13.5 BNC/S7	Φ 12*155mm	\$82.00	
8603	PROCESS PH COMBINATION ELECTRODE, GLASS BODY (For general industry process) (Ideal for high temperature and strong acidity/alkalinity solution)	0-14	0-90°C	0.3MP	Glass bulb	PG13.5 BNC/S7	Φ 12*155mm	\$82.00	
8651	PROCESS ORP COMBINATION ELECTRODE GLASS BODY (For general industry process) (Polymer for reference) (Can be directly used together with redox meter)	±1999mv	0-90°C	0.3MP	Pt. Band	PG13.5 BNC/S7	Φ 12*155mm	\$91.00	
Part No.	Description one pcs/box	Construction	Concentration range(mol/L)	PH range	Temp.range	Couple reference electrode No.	Dimension	Price	
<b>Ion selective electrodes (Half cell)(All electrodes are refillable)</b>									
7002	Fluoride (F-)	Solid state	10 <sup>-1</sup> -10 <sup>-6</sup>	5-7	5-60°C	8201	Φ 10*155mm	\$82.00	
7007	Chloride (Cl-)	Solid state	10 <sup>-1</sup> -5*10 <sup>-5</sup>	2-12	5-60°C	8202	Φ 10*155mm	\$82.00	

Part No.	Description one pcs/box	Construction	Concentration range(mol/L)	PH range	Temp.range	Couple reference electrode No.	Dimension	Price	
<b>Ion selective electrodes (Half cell)(All electrodes are refillable)</b>									
7008	Silver/Sulfide ( $\text{Ag}^+/\text{S}^{2-}$ )	Solid state	$10^{-1}$ - $3 \times 10^{-7}$	$\text{Ag}^+$ 2-8 $\text{S}^{2-}$ 12-14	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	
7015	Cyanide( $\text{CN}^-$ )	Solid state	$10^{-2}$ - $8 \times 10^{-6}$	10-14	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	
7003	Calcium ( $\text{Ca}^{2+}$ )	Plastic membrane	$10^{-1}$ - $10^{-5}$	2.5-11	5-60°C	8201	$\Phi$ 10*155mm	\$82.00	
7005	Fluoroborate ( $\text{BF}_4^-$ )	Plastic membrane	$10^{-1}$ - $3 \times 10^{-6}$	2.5-11	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	
7011	Cupric ( $\text{Cu}^{2+}$ )	Solid state	$10^{-1}$ - $10^{-6}$	2-12	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	
7001	Sodium ( $\text{Na}^+$ )	Glass membrane	$10^{-1}$ - $10^{-6}$	$\geq 10$	5-60°C	8211	$\Phi$ 12*155mm	\$82.00	
7006	Nitrate ( $\text{NO}_3^-$ )	Plastic membrane	$10^{-1}$ - $10^{-5}$	2.5-11	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	
7010	Iodide ( $\text{I}^-$ )	Solid state	$10^{-1}$ - $5 \times 10^{-7}$	2-12	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	
7009	Lead ( $\text{Pb}^{2+}$ )	Solid state	$10^{-1}$ - $10^{-6}$	4-7	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	
7012	Bromide( $\text{Br}^-$ )	Solid state	$10^{-1}$ - $10^{-6}$	2-11	5-60°C	8202	$\Phi$ 10*155mm	\$82.00	

Part No.	Description one pcs/box	Construction	Concentration range(mol/L)	PH range	Temp.range	Couple reference electrode No.	Dimension	Price	
<b>Ion selective electrodes (Combination)(All electrodes are refillable)</b>									
7116	Ammonia (NH <sub>3</sub> )	Gas sensing	10 <sup>-1</sup> -5*10 <sup>-6</sup>	≥11	5-45°C	Combination	Φ 16*140mm	\$191.00	
7101	Sodium (Na <sup>+</sup> )	Glass membrane	10 <sup>-1</sup> -10 <sup>-6</sup>	≥10	5-60°C	Combination	Φ 12*165mm	\$136.00	
7102	Fluoride (F <sup>-</sup> )	Solid state	10 <sup>-1</sup> -10 <sup>-6</sup>	5-7	5-60°C	Combination	Φ 12*165mm	\$136.00	
7103	Calcium (Ca <sup>2+</sup> )	Plastic membrane	10 <sup>-1</sup> -10 <sup>-5</sup>	2.5-11	5-60°C	Combination	Φ 12*165mm	\$136.00	
7106	Nitrate (NO <sub>3</sub> <sup>-</sup> )	Plastic membrane	10 <sup>-1</sup> -10 <sup>-5</sup>	2.5-11	5-60°C	Combination	Φ 12*165mm	\$136.00	
7105	Fluoroborate (BF <sub>4</sub> <sup>-</sup> )	Plastic membrane	10 <sup>-1</sup> -3*10 <sup>-6</sup>	2.5-11	5-60°C	Combination	Φ 12*165mm	\$136.00	
7107	Chloride (Cl <sup>-</sup> )	Solid state	10 <sup>-1</sup> -5*10 <sup>-5</sup>	2-12	5-60°C	Combination	Φ 12*165mm	\$155.00	
7108	Silver/Sulfide (Ag <sup>+</sup> /S <sup>2-</sup> )	Solid state	10 <sup>-1</sup> -3*10 <sup>-7</sup>	Ag <sup>+</sup> 2-8 S <sup>2-</sup> 12-14	5-60°C	Combination	Φ 12*165mm	\$155.00	
7115	Cyanide(CN <sup>-</sup> )	Solid state	10 <sup>-2</sup> -8*10 <sup>-6</sup>	10-14	5-60°C	Combination	Φ 12*165mm	\$155.00	
7111	Cupric (Cu <sup>2+</sup> )	Solid state	10 <sup>-1</sup> -10 <sup>-6</sup>	2-12	5-60°C	Combination	Φ 12*165mm	\$155.00	

Part No.	Description one pcs/box	Construction	Concentration range(mol/L)	PH range	Temp.range	Couple reference electrode No.	Dimension	Price	
<b>Ion selective electrodes (Combination)(All electrodes are refillable)</b>									
7110	Iodide (I <sup>-</sup> )	Solid state	10 <sup>-1</sup> -5*10 <sup>-7</sup>	2-12	5-60°C	Combination	Φ 12*165mm	\$155.00	
7109	Lead (Pb <sup>2+</sup> )	Solid state	10 <sup>-1</sup> -10 <sup>-6</sup>	4-7	5-60°C	Combination	Φ 12*165mm	\$155.00	

Part No.	Description one pcs/box	Body material	Junction	Temp.range	Internal ref.		Dimension		
<b>Other electrodes( reference electrode/metal electrode/ATC probe)</b>									
8201	SINGLE JUNCTION REFERENCE PLASTIC BODY	PC	Single	0-80°C	Ag/AgCl		Φ 12*165mm	\$27.00	
8202	DOUBLE JUNCTION REFERENCE PLASTIC BODY	PC	Double	0-80°C	Ag/AgCl		Φ 12*165mm	\$36.00	
8211	SINGLE JUNCTION REFERENCE GLASS BODY	GLASS	Single	0-80°C	Ag/AgCl		Φ 12*165mm	\$27.00	
8216	SILVER BILLET ELECTRODE WITH PLASTIC BODY	PLASTIC		0-60°C	Ag		Φ 10*160mm	\$27.00	
8213	Pt BILLET ELECTRODE WITH GLASS BODY	GLASS		0-80°C	Pt.		Φ 12*160mm	\$36.00	
8223	KF(KARL FISHER)PT ELECTRODE WITH GLASS BODY	GLASS		0-80°C	Pt.		Φ 12*155mm	\$55.00	
ATC	ATC PROBE WITH STAINLESS STEEL BODY (Optional of Pt.100/Pt.1000 or thermistor for temperature sensor)	Steel		0-100°C			Φ 5*155mm	\$27.00	