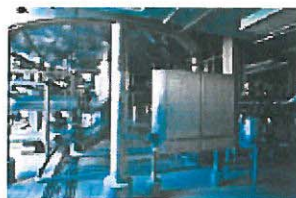


*0-50°C when completely immersed.

	Description	Model	Temp. range (°C)	pH range
Combination (3-in-1) pH electrode	Plastic body	9625-10D	0~100*	0~14
	Standard ToupH	9615-10D	0~100	0~14
	Sleeve ToupH	9681-10D	0~ 60	0~14
	Long ToupH	9680-10D	0~100*	0~14
	Micro ToupH	9618-10D	0~ 60	0~14
	Sleeve	6367-10D	0~ 60	0~14
	For measurement of low-conductivity water and non-aqueous solvents	6377-10D	0~ 60	0~14
	Needle type	6252-10D	0~ 60	0~12
	For Tap water	9630-10D	0~100	0~14
	For Hydrofluoric acid sample	9631-10D	0~ 60	2~12
	For Strong alkali sample	9632-10D	0~100	0~14
	Needle type ISFET	0030-10D	0~ 60	0~14
ISFET pH electrode	Flat type ISFET	0040-10D	0~ 60	0~14
	Needle type ISFET(0030-10D) sensor	0131	—	—
	Flat type ISFET(0040-10D) sensor	0141	—	—
Combination pH electrode	For very slender test tubes	6069-10C	0~ 60	0~14
	Flat type	6261-10C	0~ 50	0~12
Glass pH electrode	Standard type	1066A-10C	0~100	0~14
	For measurement of low-conductivity water and non-aqueous solvents.	1076A-10C	0~100	0~14
Reference electrode	Standard type	2060A-10T	0~100	—
	Double-junction type	2565A-10T	0~100	—
Temperature electrode	For temperature compensation and measurement	4163-10T	0~100	—
ORP electrode	Water proof Platinum 3-in-1 type	9300-10D	0~ 60	—

Model Number	Part Number	List Price
9625-10D	3200360505	\$160.00
9615-10D	3200366539	\$210.00
9681-10D	3200366572	\$350.00
9680-10D	3200366560	\$320.00
9618-10D	3200366552	\$450.00
6367-10D	362060	\$310.00
6377-10D	9003014100	\$460.00
6252-10D	362157	\$240.00
9630-10D	3200528726	\$340.00
9631-10D	3200524119	\$490.00
9632-10D	3200524120	\$340.00
0030-10D	9096002100	\$600.00
0040-10D	3200367925	\$600.00
0131 (Replacement sensor)	9096002200	\$270.00
0141 (Replacement sensor)	3200367926	\$270.00
6069-10C (GR)	362156	\$410.00
6261-10C (GR)	362409	\$240.00
1076A-10C (G)	9003014200	\$230.00
2060A-10T (Reference)	362400	\$130.00
2565A-10T (Reference)	362402	\$165.00
4163-10T (Temp)	352299	\$140.00
9300-10D (ORP)	9096000400	\$210.00

HF-PROOF



Excellent hydrofluoric acid resistance and reliable measurement.
Hydrofluoric acid resistant pH electrode (9631-10D)

ALKALI-PROOF



Enhanced resistance to strong alkalis
Alkali resistant pH electrode (9632-10D)

For TAP WATER



For stable measurement of tap water that is difficult to measure
For tap water pH electrode (9630-10D)

NEW

Electrode	Cell constant $m^{-1}(cm^{-1})$		Model	Range $m^{-1}(cm^{-1})$	Minimum Volume (mL)	Temp. range (°C)
Conductivity electrode	Immersion type	10 (0.1)	3551-10D	10 $\mu S \sim 1 S$ (0.1 $\mu S \sim 10 mS$)	50	0 ~ 60
		100 (1)	9382-10D	0.1 mS ~ 10 S (1 $\mu S \sim 100 mS$)	20 ~ 30	0 ~ 80
		100 (1)	3552-10D	0.1 mS ~ 10 S (1 $\mu S \sim 100 mS$)	15	0 ~ 100
		1000 (10)	3553-10D	1 mS ~ 100 S (10 $\mu S \sim 1 S$)	50	0 ~ 60
	Flow type	10 (0.1)	3561-10D	10 $\mu S \sim 1 S$ (0.1 $\mu S \sim 10 mS$)	10	0 ~ 60
		100 (1)	3562-10D	0.1 mS ~ 10 S (1 $\mu S \sim 100 mS$)	16	0 ~ 60
		1000 (10)	3573-10C	1 mS ~ 100 S (10 $\mu S \sim 1 S$)	4	0 ~ 60
		1000 (10)	3574-10C	1m S ~ 10 S (10 $\mu S \sim 100 mS$)	0.25	0 ~ 60

Model Number	Part Number	List Price
3551-10D	384592	\$580.00
9382-10D	9096000300	\$317.00
3552-10D	384591	\$530.00
3553-10D	384590	\$530.00
3561-10D	384589	\$620.00
3562-10D	384588	\$750.00
3573-10D	384587	\$750.00
3574-10D	362073	\$680.00

Dissolved Oxygen Electrodes

Electrode	Lead length	Model	Specification
Waterproof DO electrode	2m	9551-20D	Field immersible type
Waterproof DO electrode	10m	9551-100D	Field immersible type
DO electrode	1m	9520-10D	Laboratory use
DO tip	—	5401	Replacement electrode tip for 9551
DO tip	—	7541	Replacement electrode tip for 9520

Model Number	Part Number	List Price
9551-20D	9096002300	\$595.00
9551-100D	9096002400	\$690.00
9520-10D	9096000500	\$900.00
5401	313312	\$158.00
7541	313311	\$300.00



Dissolved Oxygen Measurements can be performed with the OM-71 or D-75
 The Model OM-71 meter includes a dissolved oxygen electrode
 Electrodes must be selected separately for the Model D-75 meter

NEW



*Sensor holder is necessary for ion electrode except of combination type to attach to electrode stand.
*Please be aware of the hindering ion and pH range interference of ion electrodes. *D-73 can use only combination type ion

Electrode name	Model	Measuring range	Applicable reference electrode	Interfering ion influence*
Sodium ion electrode	1512A-10C	2.3~230,000 mg/L Na ⁺	2565A	K ⁺ , Li ⁺ =10 NH ₄ ⁺ =20 Ca ²⁺ =500
Cyanide ion electrode	8001-10C	0.03~2,600 mg/L CN ⁻	2060A+2565A	S ²⁻ , MnO ₄ ⁻ =N/A I ⁻ =0.1 S ₂ O ₃ ²⁻ =1
Chloride ion electrode	8002-10C	0.4~35,000 mg/L Cl ⁻	2565A	S ₂ O ₃ ²⁻ , S ²⁻ , I ⁻ , Ag ⁺ , Hg ²⁺ =N/A SCN ⁻ =0.3 MnO ₄ ⁻ =0.1
Chloride ion electrode (Combination type)*	6560-10C	0.4~35,000 mg/L Cl ⁻	—	Br ⁻ =0.03 NO ₃ ⁻ , F ⁻ , HCO ₃ ⁻ , SO ₄ ²⁻ , PO ₄ ³⁻ =1,000
Sulfide ion electrode	8003-10C	0.3~32,000 mg/L S ²⁻	2060A+2565A	CN ⁻ =N/A S ₂ O ₃ ²⁻ =10 I ⁻ , F ⁻ , Cl ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ =1,000
Iodide ion electrode	8004-10C	0.01~13,000 mg/L I ⁻	2060A+2565A	MnO ₄ ⁻ , S ²⁻ , CN ⁻ =N/A S ₂ O ₃ ²⁻ =10 NO ₃ ⁻ =100 Br ⁻ =1,000
Bromide ion electrode	8005-10C	0.8~80,000 mg/L Br ⁻	2565A	S ₂ O ₃ ²⁻ , I ⁻ , S ²⁻ , CN ⁻ =N/A MnO ₄ ⁻ =1 Cl ⁻ , PO ₄ ³⁻ =100 F ⁻ , NO ₃ ⁻ =1,000
Copper ion electrode	8006-10C	0.06~6,400 mg/L Cu ²⁺	2565A	Fe ²⁺ =0.1 Ni ²⁺ , Na ⁺ =1,000
Cadmium ion electrode	8007-10C	0.1~11,000 mg/L Cd ²⁺	2060A+2565A	Cu ²⁺ , Hg ²⁺ , Ag ⁺ =N/A Pb ²⁺ =0.1 Fe ²⁺ =1 Cr ³⁺ , Fe ³⁺ =100 Ni ²⁺ =1,000
Lead ion electrode	8008-10C	2~20,000 mg/L Pb ²⁺	2565A	Cu ²⁺ , Hg ²⁺ , S ²⁻ , Ag ⁺ =N/A Fe ²⁺ =0.01 Cr ³⁺ =1 Cd ²⁺ =10
Thiocyanate ion electrode	8009-10C	0.6~5,800 mg/L SCN ⁻	2565A	Ni ²⁺ , Mg ²⁺ , Zn ²⁺ =100 NH ₄ ⁺ , K ⁺ =1,000
Fluoride ion electrode	8010-10C	0.02~19,000 mg/L F ⁻	2060A+2565A	CN ⁻ , I ⁻ , S ²⁻ , S ₂ O ₃ ²⁻ =N/A Br ⁻ =1 Cl ⁻ =100
Fluoride ion electrode (Combination type)*	6561-10C	0.02~19,000 mg/L F ⁻	—	Possible interference when multiply-charged ion (ex. Al ³⁺ , Fe ³⁺) coexisted and formed the complex.
Silver ion electrode	8011-10C	0.01~110,000 mg/L Ag ⁺	2565A	Hg ²⁺ =N/A Cu ²⁺ , Cd ²⁺ , Pb ²⁺ , Zn ²⁺ , Mg ²⁺ , Ca ²⁺ , Na ⁺ , K ⁺ =Over 1000
Nitrate ion electrode	8201-10C	0.62~62,000 mg/L NO ₃ ⁻	2565A	ClO ₄ ⁻ =0.03 I ⁻ =0.1 Br ⁻ =2 NO ₂ ⁻ =3 Cl ⁻ =40 F ⁻ =200
Nitrate ion electrode (Combination type)*	6581-10C	0.62~62,000 mg/L NO ₃ ⁻	—	CH ₃ COO ⁻ =300 SO ₄ ²⁻ =Over 1000
Potassium ion electrode	8202-10C	0.04~39,000 mg/L K ⁺	2565A	Pb ²⁺ =0.4 Cs ⁺ =3 NH ₄ ⁺ =70
Potassium ion electrode (Combination type)*	6582-10C	0.04~39,000 mg/L K ⁺	—	Li ⁺ , Na ⁺ , Mg ²⁺ , Ca ²⁺ , Sr ²⁺ , Ba ²⁺ =Over 1000
Calcium ion electrode	8203-10C	0.4~40,080 mg/L Ca ²⁺	2060A+2565A	Fe ²⁺ =0.1 Fe ³⁺ , Zn ²⁺ =1 Sr ²⁺ =50 Ni ²⁺ , Cu ²⁺ =70 Co ²⁺ =350
Calcium ion electrode (Combination type)*	6583-10C	0.4~40,080 mg/L Ca ²⁺	—	Mn ²⁺ =500 Mg ²⁺ =1,000 Na ⁺ , K ⁺ , Ba ²⁺ , NH ₄ ⁺ =1,000以上
Ammonia electrode (Combination type)*	5002A-10C	0.1~1,000 mg/L NH ₃	—	—

Electrode name	Model
Chloride ion tip	7660
Fluoride ion tip	7661
Nitrate ion tip	7681
Potassium ion tip	7682
Calcium ion tip	7683
Ammonia electrode membrane (6pcs)	membrane (NH ₃)

Replacement Sensors for Combination Ion Electrodes used with the F-Series Meters or D-73 Meter

Model Number/Meter	Part Number	List Price
1512A-10C (F Series Only)	9003016700	\$379.00
8001-10C (F Series Only)	9003015500	\$390.00
8002-10C (F Series Only)	9003015600	\$390.00
6560-10C (F or D-53/D-73)	9003014500	\$950.00
8003-10C (F-Series Only)	9003015700	\$390.00
8004-10C (F Series Only)	9003015800	\$390.00
8005-10C (F Series Only)	9003015900	\$390.00
8006-10C (F Series Only)	9003016000	\$545.00
8007-10C (F Series Only)	9003016100	\$545.00
8008-10C (F Series Only)	9003016200	\$545.00
8009-10C (F Series Only)	9003016300	\$650.00
8010-10C (F Series Only)	9003016400	\$920.00
6561-10C (F or D-53/D-73)	9003014600	\$1030.00
8011-10C (F Series Only)	9003016500	\$548.00
8201-10C (F Series Only)	9003016800	\$650.00
6581-10C (F or D-53/D-73)	9003014700	\$1080.00
8202-10C (F Series Only)	9003016900	\$536.00
6582-10C (F or D-53/D-73)	9003014800	\$900.00
8203-10C (F Series Only)	9003017000	\$530.00
6583-10C (F or D-53/D-73)	9003014900	\$860.00
5002-10C (F or D-53/D-73)	9003016600	\$1080.00
7660	9003015000	\$292.00
7661	9003015100	\$550.00
7681	9003015200	\$292.00
7682	9003015300	\$292.00
7683	9003015400	\$292.00
NH3 membranes (5002-10C)	9037007000	\$190.00

Accessories and Maintenance Solutions

Electrode Holder (2/pkg)	3200373961	\$15.00
9621/9625 Electrode Protector Tube	362415 (3200044409)	\$9.00
Electrode Protector Cap (5/pkg)	362327 (3200043508)	\$10.00
Electrode Protector Cap (3/pkg)	3200382477	\$24.00
Electrode Protector Cap (Long)	3200382482	\$24.00
Plug, Internal filler port (round electrodes)	3200382468	\$15.00
AC Adapter Set (3014031951/3014031952)	G0228390	\$80.00
LCD Protection Sheet	3200382462	\$35.00
Protection Cover	3200382441	\$20.00
USB Cable (F/DS-70 Lab Meters)	3200373941	\$63.00
Electrode Stand FA-70S	3200382557	\$390.00
Electrode Stand FA-70L	3200382560	\$465.00
Electrode Arm	G2058142(3200373991)	\$175.00
Electrode Stand DP-70S(Portable Meters)	3200528474	\$240.00
Electrode Hook (Portable Meters)	3200528475	\$40.00
Serial Cable (Portable Meters)	9096004800	\$43.00

Model 220 Electrode Cleaning Solution – Organics	9096002500	\$32.00
Model 230 Electrode Cleaning Solution – 9630-10D	3200530494	\$60.00
Model 250 Electrode Cleaning Solution – Proteins	3200366771	\$32.00
Model 300 Internal Filling Solution	360647	\$12.00

Sensor holder (2 pcs/pack) 3200373961  For attaching an ion electrode or the like with a round electrode cap to the stand arm.	9621, 9625 Electrode protector tube (5 pcs/pack) 3200044409(9003012000)  Protects the tip of the 9621-10D, 9625-10D electrode. Because the electrode is already encased in a plastic sheath, just slip this protective tube over the tip and your pH meter is ready to for work in the field.	Electrode protector cap (5 pcs/pack) 3200043508(9003012100)  Protects electrodes during storage or transportation.
Electrode protector cap (3 pcs/pack) 3200382477  Protects electrodes during storage or transportation for 9615-10D, 9618-10D, 9681-10D.	Electrode protector cap for long electrode 32000382482  Protects electrodes during storage or transportation for 9680-10D and 9678-10D.	Plug for internal solution filler port (3 pcs/pack) 3200382468  For 9615-10D, 9618-10D, 9681-10D, 9680-10D.
AC adapter cable set. AC adaptor 1.8m cable 1m  120V: 3014031951 230V: 3014031952	Serial cable 3014030151(9096004800) Cable to connect a meter and PC (Serial, 9 pins) 	Electrode stand (DP-70S) 
For F-70, DS-70 Series		
LCD protection sheet (2 pcs/pack) 3200382462 For F-70, DS-70 series 	Protection cover 3200382441 Protects the meter for F-70, DS-70 series 	USB cable 3200373941 Cable to connect a meter and PC. 
FA-70S Electrode stand (adjustable type) 3200382557  384mm Electrode stand	Arm, for electrode stand (adjustable type) 3200373991  For FA-70S, FA-70L and FA-20S. Also available for FA-50S and "Electrode stand for F-50/DS-50"	FA-70L Electrode stand (long type) 3200382560  650mm Electrode stand (adjustable type)

You can find better quality pictures of these accessories in the "Electrodes and Accessories" bulletin HRE-1111.