

ORDERING GUIDANCE

Electrochemical & Water Quality Analyzer 2026 V1.0

Electrochemical Analyzers

Touch Screen

- T-710 pH Meter
- T-711 Conductivity Meter
- T-712 DO Meter
- T-713 Ion Concentration Meter
- T-720 pH/Conductivity Meter
- T-721 pH/DO Meter
- T-723 Conductivity/DO Meter
- T-730 pH/Conductivity/DO Meter

Silicone Button

- S-610 pH Meter
- S-611 Conductivity Meter
- S-612 DO Meter
- S-613 Ion Concentration Meter
- S-620 pH/Conductivity Meter
- S-621 pH/DO Meter
- S-623 Conductivity/DO Meter
- S-630 pH/Conductivity/DO Meter

Tablet Series

- L-510 pH Meter
- L-511 Conductivity Meter
- L-512 DO Meter

Portable Series

- P-510 pH Meter
- P-511 Conductivity Meter
- P-512 DO Meter
- P-520 pH/Conductivity Meter
- P-521 pH/DO Meter
- P-523 Conductivity/DO Meter

Pen Type

- P-310 pH Meter
- P-311 Conductivity Meter

Water Quality Analyzer

Benchtop

- BT-4000D Turbidity Meter

Portable

- PT-4000S Turbidity Meter
- PT-4000H Turbidity Meter

Benchtop

- BC-4000D Colorimeter Meter

Portable

- PC-4000H Colorimeter Meter

Touch Screen	Model	Functions	Specifications	Packing List	
pH Meter 	T-710L Laboratory	pH mV °C/°F	Range: (-2.00-19.99)pH Accuracy: ±0.02pH mV: -1999.9mV-0-1999.9mV Temperature: -10-110°C Accuracy: ±0.01pH(T-710H)	T-710 pH Meter pH electrode Temperature electrode Electrode holder and base Standard buffers(4.00, 6.86, 9.18pH) Power adapter(12V/1A) USB with user manual	
	T-710H High Precision				
	T-710P Pure Water				
Conductivity Meter 	T-711L Laboratory	Conductivity TDS Salinity °C/°F	Range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm (200.0-2000.00)mS/cm(not for T-711L) Resolution: 0.01/0.1/1μS/cm(mS/cm) TDS: (0-100)g/L Salinity: (0-100)ppt Temperature: -10-110°C	T-711 Conductivity Meter Conductivity electrode(ATC) Electrode holder and base Power adapter(12V/1A) USB with user manual	
	T-711H High Precision				
	T-711C High Concentration				
	T-711P Pure Water				
DO Meter 	T-712	DO °C/°F	Range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: -10-110°C	T-712 DO Meter DO electrode(ATC) Electrode holder and base Electrode cap Electrolyte Power adapter USB with user manual	
	T-713F	F	pH/pX: (-2.00-20.00)pH (0.00-14.00)pX Unit: mol/L, ppm, g/L Resolution: 0.01pH/pX Accuracy: ±0.02pH/pX	T-713 ion meter Ion electrode Reference electrode Temperature electrode Electrode holder and base Electrode connector Power adapter USB with user manual	
Ion Concentration Meter 	T-713Na	Na			
	T-713Cl	Cl			
	T-713Ca	Ca			
	T-713Br	Br			
	T-713NO	NO ₃			
	T-713K	K			
	T-713NH	NH ₄			
	T-713Cu	Cu			
	T-713I	I			

Touch Screen pH/Conductivity Meter	Model	Functions	Specifications	Packing List	
	T-720	pH mV Conductivity TDS Salinity °C/°F	pH range: (-2.00-19.99)pH Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt	T-720 pH/Conductivity Meter Composite pH electrode(ATC) Conductivity electrode Electrode holder and base Standard buffers(4.00, 6.86, 9.18pH) Power adapter(12V/1A) USB with user manual	
	T-721	pH mV DO °C/°F	pH range: (-2.00-19.99)pH Accuracy: ±0.02pH mV: -1999.9mV-0-1999.9mV DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: -10-110°C	T-721 pH/DO Meter Composite pH electrode(ATC) Standard buffers(4.00, 6.86, 9.18pH) DO electrode Electrode holder and base Electrode caps Electrolyte Power adapter(12V/1A) USB with user manual	
	T-723	Conductivity TDS Salinity DO °C/°F	Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: -10-110°C	T-723 Conductivity/DO Meter Conductivity electrode DO electrode Electrode holder and base Electrode caps Electrolyte Power adapter(12V/1A) USB with user manual	
	T-730	pH mV Conductivity TDS Salinity DO °C/°F	pH range: (-2.00-19.99)pH Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: -10-110	T-730 pH/Conductivity/DO Meter Composite pH electrode(ATC) Conductivity electrode DO electrode Electrode caps Electrolyte Electrode holder and base Standard buffers(4.00, 6.86, 9.18pH) Power adapter(12V/1A) USB with user manual	

Omron Button	Model	Functions	Specifications	Packing List	
	S-610L Laboratory	pH mV °C/°F	Range: (-2.00-18.00)pH Accuracy: ±0.02pH mV: -1999.9mV-0-1999.9mV Temperature: 0-100°C Accuracy: ±0.01pH(S-610H)	S-610 pH Meter pH electrode Temperature electrode Electrode holder and base Standard buffers(4.00, 6.86, 9.18pH) Power adapter(12V/1A) USB with user manual	
	S-610H High Precision				
	S-610P Pure Water				
	S-611L Laboratory	Conductivity TDS Salinity °C/°F	Range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm (200.0-2000.00)mS/cm(not for S-611L) Resolution: 0.01/0.1/1μS/cm(mS/cm) TDS: (0-100)g/L Salinity: (0-100)ppt Temperature: 0-100°C	S-611 Conductivity Meter Conductivity electrode(ATC) Electrode holder and base Power adapter(12V/1A) USB with user manual	
	S-611H High Precision				
	S-611C High Concentration				
	S-611P Pure Water				
	S-612	DO °C/°F	Range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	S-612 DO Meter DO electrode(ATC) Electrode holder and base Electrode cap Electrolyte Power adapter USB with user manual	
	S-613F	F Na Cl Ca Br NO ₃ K NH ₄ Cu I	pH/pX: (-2.00-18.00)pH (0.00-14.00)pX Unit: pX, mol/L, ppm, g/L Resolution: 0.01pH/pX Accuracy: ±0.02pH/pX	S-613 ion meter Ion electrode Reference electrode Temperature electrode Electrode holder and base Electrode connector Power adapter USB with user manual	
	S-613Na				
	S-613Cl				
	S-613Ca				
	S-613Br				
	S-613NO				
	S-613K				
	S-613NH				
	S-613Cu				
	S-613I				

Omron Button	Model	Functions	Specifications	Packing List	
pH/Conductivity Meter 	S-620	pH mV Conductivity TDS Salinity °C/°F	pH range: (-2.00-18.00)pH mV: -1999.9mV-0-1999.9mV Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt Temperature: 0-100°C	S-620 pH/Conductivity Meter Composite pH electrode(ATC) Conductivity electrode Electrode holder and base Standard buffers(4.00, 6.86, 9.18pH) Power adapter(12V/1A) USB with user manual	
pH/DO Meter 	S-621	pH mV DO °C/°F	pH range: (-2.00-18.00)pH Accuracy: ±0.02pH mV: -1999.9mV-0-1999.9mV DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	S-621 pH/DO Meter Composite pH electrode(ATC) Standard buffers(4.00, 6.86, 9.18pH) DO electrode Electrode holder and base Electrode caps Electrolyte Power adapter(12V/1A) USB with user manual	
Conductivity/DO Meter 	S-623	Conductivity TDS Salinity DO °C/°F	Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	S-623 Conductivity/DO Meter Conductivity electrode DO electrode Electrode holder and base Electrode caps Electrolyte Power adapter(12V/1A) USB with user manual	
pH/Conductivity Meter 	S-630	pH mV Conductivity TDS Salinity DO °C/°F	pH range: (-2.00-18.00)pH Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	S-630 pH/Conductivity/DO Meter Composite pH electrode(ATC) Conductivity electrode DO electrode Electrode caps Electrolyte Electrode holder and base Standard buffers(4.00, 6.86, 9.18pH) Power adapter(12V/1A) USB with user manual	

Tablet Series	Model	Functions	Specifications	Packing List	
pH Meter 	L-510	pH mV °C/°F	Range: (-2.00-19.99)pH Resolution: 0.1/0.01pH Accuracy: ±0.02pH mV: -1999.9mV-0-1999.9mV Temperature: 0-100°C	L-510 pH Meter Composite pH electrode(ATC) Electrode holder and base Standard buffers(4.00, 6.86, 9.18pH) Power adapter USB with user manual	
Conductivity Meter 	L-511	Conductivity TDS Salinity °C/°F	Range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm Resolution: 0.01/0.1/1μS/cm(mS/cm) TDS: (0-100)g/L Salinity: (0-100)ppt Temperature: 0-100°C	L-511 Conductivity Meter Conductivity electrode(ATC) Electrode holder and base Power adapter USB with user manual	
DO Meter 	L-512	DO °C/°F	Range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	L-512 DO Meter DO electrode(ATC) Electrode holder and base Electrode cap Electrolyte Power adapter USB with user manual	

Portable Series	Model	Functions	Specifications	Packing List	
pH Meter 	P-510	pH mV °C/°F	Range: (-2.00-19.99)pH Resolution: 0.1/0.01pH Accuracy: ±0.02pH mV: -1999.9mV-0-1999.9mV Temperature: 0-100°C	P-510 pH Meter pH electrode Temperature probe Standard buffers(4.00, 6.86, 9.18pH) USB with user manual	
Conductivity Meter 	P-511	Conductivity TDS Salinity °C/°F	Range: (0.00-19.99)μS/cm (20.0-199.9)μS/cm (200-1999)μS/cm (2.0-19.99)mS/cm (20.0-199.9)mS/cm Resolution: 0.01/0.1/1μS/cm(mS/cm) TDS: (0-100)g/L Salinity: (0-100)ppt Temperature: 0-100°C	P-511 Conductivity Meter Conductivity electrode Temperature probe USB with user manual	

Portable Series	Model	Functions	Specifications	Packing List	
DO Meter					
	P-512	DO °C/°F	Range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	P-512 DO Meter DO electrode(ATC) Electrode cap Electrolyte USB with user manual	
pH/Conductivity Meter					
	P-520	pH mV Conductivity TDS Salinity °C/°F	pH range: (-2.00-19.99)pH mV: -1999.9mV-0-1999.9mV Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt Temperature: 0-100°C	P-520 pH/Conductivity Meter pH electrode Conductivity electrode Temperature electrode Standard buffers(4.00, 6.86, 9.18pH) USB with user manual	
pH/DO Meter					
	P-521	pH mV DO °C/°F	pH range: (-2.00-19.99)pH Accuracy: ±0.02pH mV: -1999.9mV-0-1999.9mV DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	P-521 pH/DO Meter pH electrode Standard buffers(4.00, 6.86, 9.18pH) DO electrode Temperature electrode Electrode caps Electrolyte USB with user manual	
Conductivity/DO Meter					
	P-523	Conductivity TDS Salinity DO °C/°F	Conductivity range: (0.00-20.00)μS/cm (20.0-200.0)μS/cm (200-2000)μS/cm (2.0-20.0)mS/cm (20.0-200.0)mS/cm TDS: (0-100)g/L Salinity: (0-100)ppt DO range: 0-20.00 mg/L(ppm), 0-200.0% Resolution: 0.01/0.1mg/L(ppm), 0.1/1% Accuracy: 0.4mg/L, 0.3% Response time: ≤30s(25°C, 90% response) Temperature: 0-100°C	P-523 Conductivity/DO Meter Conductivity electrode DO electrode Temperature electrode Electrode caps Electrolyte AA battery USB with user manual	

Pen Type	Model	Functions	Specifications	Packing List	
pH Meter					
	P-310	pH mV °C/°F	Range: (-1.00-15.00)pH Resolution: 0.01pH Accuracy: ±0.2pH Temperature: 0-60°C	P-310 pH Meter pH electrode Standard buffers(4.00, 6.86, 9.18pH) USB with user manual	
Conductivity Meter					
	P-311	Conductivity TDS Salinity °C/°F	Range: (0.00-10.00)mS/cm (0.0-99.9)µS/cm (100-999)µS/cm (1.00-10.00)mS/cm Resolution: 0.1/1µS/cm, 0.01mS/cm Accuracy: ±3%FS Temperature: 0-60°C	P-311 Conductivity Meter Conductivity electrode USB with user manual	

Benchtop	Model	Functions	Specifications	Packing List	
Turbidity Meter					
	BT-4000S Drinking Water	Turbidity	Range: 10-500 NTU Minimum readout: 0.01/0.1/1	BT-4000S Turbidity Meter Vial bottle(2 pcs) Power cable USB with user manual	
Portable					
Turbidity Meter					
	PT-4000S Smart	Turbidity	Range: 0.05-200 NTU Minimum readout: 0.01, 0.1, 1NTU	PT-4000S Turbidity Meter Round tubes Power cable USB with user manual	

Benchtop	Model	Functions	Specifications	Packing List	
Colorimeter					
	BC-4000S Drinking Water	Colorimeter	Range: 10-500 PCU Minimum readout: 0.01/0.1/1	BC-4000S Colorimeter Glass Cuvette(5cm&1cm) Power cable USB with user manual	

Portable	Model	Functions	Specifications	Packing List	
Colorimeter					
	PC-4000S High Precision	Colorimeter	Range: 10-500 PCU Minimum readout: 0.01 Basic error: $\pm 5\%$ FS Repeatability: $\leq 0.5\%$	PC-4000S Colorimeter Round tubes Power cable USB with user manual	

Optional Accessories (NET PRICE, NO DISCOUNT OFF)

Order No.	Part Description	Remark	
S-100	Stirrer	Speed range: 0-2300r/min(no load), Max capacity: 1000ml	
pH-201-9E	Plastic pH electrode with ATC	For T-710L, T-720, T-721, T-730, S-610L, S-620, S-621, S-630	
pH-201-9G	Glass pH electrode with ATC	For T-710L, T-720, T-721, T-730, S-610L, S-620, S-621, S-630	
pH-201-H	Glass pH electrode with ATC	For T-710H & S-610H	
pH-201-P	Glass pH electrode with ATC	For T-710P & S-610P	
COND-201-L	Conductivity electrode w/ ATC(K=1)	For T-711L, T-720, T-723, T-730, S-611L, S-620, S-623, S-630	
COND-201-H	Conductivity electrode w/ ATC(K=1)	For T-711H & S-611H	
COND-201-C	Conductivity electrode w/ ATC(K=10)	For T-711C & S-611C	
COND-201-P	Conductivity electrode w/ ATC(K=0.1)	For T-711P & S-611P	
COND-2001-UP	Conductivity electrode w/ ATC(K=0.01)	For T-711P	
DO-201-E	DO electrode with ATC	For T-712, T-721, T-723, T-730 S-612, S-621, S-623, S-630, P-512, P-521, P-523	
pH-201-DE	Plastic pH electrode with ATC	For tablet model L-510	
pH-201-DG	Glass pH electrode with ATC	For tablet model L-510	
COND-201-D	Conductivity electrode with ATC	For tablet model L-511	
DO-201-D	DO electrode with ATC	For tablet model L-512	
pH-101-9E	Plastic pH electrode w/o ATC	For portable models: P-510, P-520, P-521	
pH-101-9G	Glass pH electrode w/o ATC	For portable models: P-510, P-520, P-521	
COND-101-G	Conductivity electrode w/o ATC	For portable models: P-511, P-520, P-523	
TEMP-101-SS	Temperature electrode	For portable models	
pH-101-PEN	pH electrode	For P-310	
COND-101-PEN	Conductivity electrode	For P-311	
ORP-201-G	Composite ORP electrode	For all pH Meter	

Optional Accessories			
Order No.	Part Discription	Remark	
ION-101-F	Fluoride ion electrode	For T-713F, S-613F	
ION-101-Na	Sodium ion electrode	For T-713Na, S-613Na	
ION-101-Cl	Chloride ion electrode	For T-713Cl, S-613Cl	
ION-101-Ca	Calcium ion electrode	For T-713Ca, S-613Ca	
ION-101-Br	Bromide ion electrode	For T-713Br, S-613Br	
ION-101-NO	Nitrate ion electrode	For T-713NO, S-613NO	
ION-101-K	Potassium ion electrode	For T-713K, S-613K	
ION-101-NH	Ammonium ion electrode	For T-713NH, S-613NH	
ION-101-Cu	Copper ion electrode	For T-713Cu, S-613Cu	
ION-101-I	Iodide ion electrode	For T-713I, S-613I	
REF-101-G	Single junction reference electrode	For T-713&S-613 ion concentration meter	
REF-102-G	Double junction reference electrode	For T-713&S-613 ion concentration meter	
SP-BTP002	Bluetooth printer	For benchtop models	
SP-MEstand	Electrode stand	For benchtop models	
SP-DOECap	DO Electrode Membrane Cap	For all DO electrode	