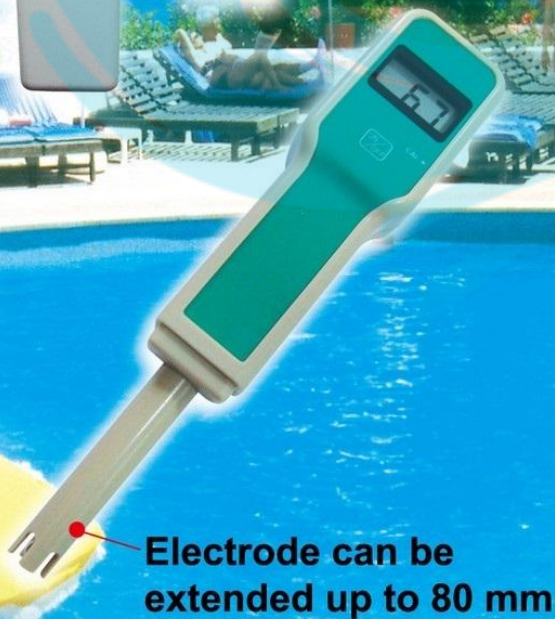


**pH • ORP • Cond • TDS • EC**



**Electrode can be extended up to 80 mm**



**Features**

- Fast response combined with high accuracy.
- Impact Resistant ABS case. Splash-proof membrane keypad.
- Electrode can be extended up to 80mm.
- Manual calibration via screw trim pot.
- Pocket clip moulded on the rear of the case.

**Specifications**

	511	511 A	521	522	531	532	541	561
Type	pH	pH	Conductivity	Conductivity	TDS	TDS	ORP	EC
Range	0-14.0	0-14.00	0-9990 $\mu$ S	0-999 $\mu$ S	10-9990 ppm	0-999 ppm	$\pm$ 1999 mV	0-20.0 EC
Accuracy	$\pm$ 0.1+1 digit	$\pm$ 0.02+1 digit	$\pm$ 1 % FS	$\pm$ 1 % FS	$\pm$ 1 % FS	$\pm$ 1 % FS	$\pm$ 2% FS.	$\pm$ 1 % FS
Resolution	0.1	0.01	10	1	10	1	1	0.1
ATC	No	Yes	Yes	Yes	Yes	Yes	N/A	Yes
Power	9V	1.5V x 3(or 9V)	9V	9V	9V	9V	9V	9V
Dimensions	Meter:158 x 40 x 34 mm		Carrying case:165 x 100 x 40 mm					
Weight	Meter: 85 g(w/o battery)		Complete kit: 250g (average)					

**Standard Accessories**

- \* Standard solution
- \* Battery
- \* Screwdriver
- \* Carrying case
- \* Instruction manual



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**pH • ORP • Cond • TDS • EC**



611    611A    621    622    631    632    641    661

**Features**

- Fast response, reliable and accurate measurements.
- Large LCD display 21 x 18 mm for reading convenient.
- Impact resistant ABS case by waterproof designed IP 57 rated.
- 1 or 2 points(pH only) manual calibration via screw trim pot.
- The electrode module are changeable for replacement by user.

**Specifications**

	611	611A	621	622	631	632	641	661
Type	pH	pH	Conductivity	Conductivity	TDS	TDS	ORP	EC
Range	0~14.0	0~14.00	0~19990 uS	0~1999 uS	0~19990 ppm	0~1999 ppm	±1999 mV	0~19.99 EC
Accuracy	±0.1+1 digit	±0.02+1 digit	± 1% FS	± 1% FS	± 1% FS	± 1% FS	± 2% FS	± 1% FS
Resolution	0.1 pH	0.01	10 uS/cm	1 uS/cm	10 ppm	1 ppm	1 mV	0.01 EC
ATC	No	Yes	Yes	Yes	Yes	Yes	N/A	Yes
Power	3V x 2 Lithium battery CR2032							
Dimension	Meter: 33.5 x 170 mm							
Weight	Meter: 85 g(w/battery)							

**Standard Accessories**

- Standard solution
- Battery
- Screwdriver (in the meter)
- Gift box
- Instruction manual



**pH · ORP · Conductivity · TDS · Salt · DO · Temperature**



pH · ORP · Temperature  
711



Conductivity · TDS ·  
Salt · Temperature  
721



pH · ORP · Conductivity · TDS  
Salt · Temperature  
720



DO · Temperature  
731



**Features**

- Microprocessor based for fast and accurate measurements. Simple to calibrate by one keyboard.
- Special viewing angle designed of waterproof housing IP 57 rated. It floats on water.
- Large LCD displays pH or ORP or Conductivity or TDS or Salinity or DO or FCL and Temperature simultaneously.
- Automatic Temperature Compensation(ATC), Manual Salinity(MSC) and Altitude(MAC) Compensation.
- Multi-functions with Data-hold, Max/Min and degree °C/°F switchable.
- Low battery and consumption indicator. Auto power shut off after 10 minutes of non use.
- Easy to replace electrode module and the type of electrode would be recognized automatically and shown in display during insertion.

**Specifications**

	711			720				731		
	pH	mV	Temp.	Cond.	TDS	Salt	Temp.	DO	O <sub>2</sub>	Temp.
Range	-2~16.00	-1000~1000	0~90.0°C	0~2000µS 2.00~20.00mS	0~1300ppm 1.30~13.00ppt	0~1000ppm 1.00~12.00ppt	0~90.0°C	0-20.00mg/L	0-200%	0-50°C
Accuracy	±0.01+1digit	±2+1digit	±0.2°C+1digit	±2%FS( Cond., TDS, Salt)			±0.2°C+1digit	±0.2+1digit	±2%FS	±0.2°C+1digit
Resolution	0.01pH	1mV	0.1°C	1µS/0.01mS	1ppm/0.01ppt	1ppm/0.01ppt	0.1°C	0.01	0.1	0.1
ATC	0~90°C			0~50°C				0~50°C		
MSC								0~50 ppt		
MAC								0~20000 ft		
Calibration	pH: 4.00, 7.00, 10.01			Cond: 0µS, 1413µS, 12.88mS				100 % in air		
Power	DC1.5V×4 battery (UM-4/AAA)									
Dimensions	Meter: 195×40×36 mm, Kits: 230×205×50mm									
Weight	Meter: 135g(with battery), Kits: 780g									

**Standard Accessories**

	711	721	731	720
Sensor	pH	Cond. Cell	DO	pH + Cond. Cell
Standard Solution	pH 4 & 7	1413 µS	Electrolyte	pH 4 & 7 1413 µS
Soaking Solution	Yes	None	None	Yes
Battery 1.5 × 4, Lanyard connection, Carrying case, Instruction manual				
Optional: ORP Electrode				



Optional: Flat pH electrode  
for 711 and 720