

YOUR FIRST STEP TO PERFECT WATER

Premier Water Testing Instruments



TDS-3
TDS/TEMP METER

SCM-1000
DIGITAL REFRACTOMETER

HM-200
PORTABLE
PH/EC/TDS/TEMP
METER

PH-80
PH METER

PRODUCT CATALOG

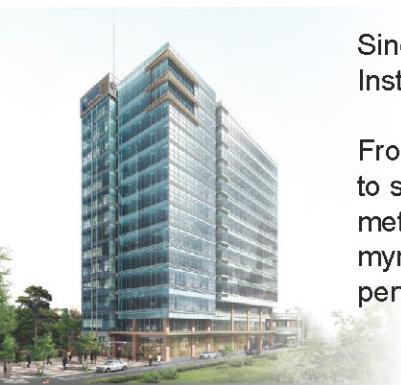
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ABOUT HM DIGITAL



Since 1987, HM Digital has been the primary source for the finest quality waster testing Instruments.

From our facilities in Los Angeles, Seoul, Qingdao, and New Delhi, we have the capability to ship anywhere in the world and service the entire globe. Our handheld meters, in-line monitors, controllers, sensors and calibrations solutions are used in a myriad of applications. They are superior in quality, features and performance, yet are made available at an economical cost.

WHY HM DIGITAL?

Market Leader

With 30 years of expertise in the field of instrumentation industry, HM Digital has been the most popular instrumentation company globally. Our renowned TDS-3 has been the first choice of TDS meter for decades and many more to come.

Cost Effective

HM Digital's goal is to provide the maximum testing experience to our customers at an economical pricing. The cost effectiveness of our meters is unmatched in the industry.

Customer Service

Customer service is one of HM Digital's fortes. Our dedicated staff will listen to our customers and provide the optimal solution to the problems. We maintain the warranty service to all of our products and prioritize our customer's need

Application

- Pool and Spa
- Commercial / Industrial RO System
- Colloidal Silver Water
- Coffee
- Car Wash
- Window Cleaning
- Water Filter Performance
- Hardness Testing
- Aquariums / Aquaculture
- Health
- Food Service

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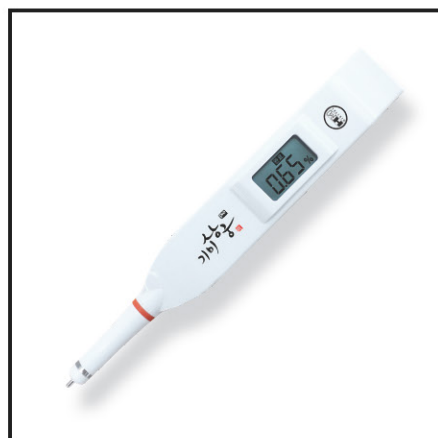
SALINITY METERS



SAL-1700

Suitable for measuring the salinity in aquariums/ fisheries. The salt level is measured in three selectable units (PSU, S.G., and ppt). Each unit has an automatic temperature compensation (ATC) to provide accurate measurements.

RANGE	PSU: 0.0-55.0 SG: 1.000 ~ 1.042 ppt: 0.0 ~ 105.0 Temp: 0-50°C / 32-122°F
ATC	YES
ACCURACY	PSU: ± 2.0 SG: ± 0.002 ppt: ± 2.0(0.0~55.1) Temp: ±1.0°C/ ±1.8°F
RESOLUTION	PSU: 0.1 SG: 0.001 ppt: 0.1 Temp: 0.1°C/°F
SENSOR	Platinum
CALIBRATION	Digital
POWER	2 x AAA
DIMENSIONS	21.6 x 3.4 x 3.4 cm (8.5 x 1.3 x 1.3 in)
WEIGHT	100g/3.5oz (with batteries)



SB-2000PRO

SB-2000PRO is a very convenient salinity meter that automatically turns on by immersing the meter in a solution. With ATC function, The SB-2000PRO is always accurate even at high or low temperatures. The meter sends a vibration alert to notify the user that the measurement is complete.

RANGE	0.01~10.0%
ATC	YES
ACCURACY	0.1 ~ 2.0%: ±0.1% 2.1 ~ 3.0%: ±0.2% 3.1 ~ 5.0%: ±0.3% 5.1 ~ 10.0%: ±0.5%
RESOLUTION	0.01% (0.01%-3.0%) 0.1% (3.0%-10.0%)
SENSOR	Platinum
CALIBRATION	Factory calibrated
POWER	2 x AAA
DIMENSIONS	17.1 x 2.5 x 2.45 cm (7 x 1 x 1 in)
WEIGHT	65g/2.3oz (with batteries)



SB-1500PRO

Spoon-type salinity meter that can be used in various fields such as industrial, commercial, and at home. This meter can also read the sodium content in food, which is expressed in milligrams.

RANGE	0.01%~10.0% Temp: 1-99°C / 33-210°F
ATC	YES
ACCURACY	0 ~ 2.00%: ±0.1% 2.01 ~ 3.0%: ±0.2% 3.1 ~ 4.0%: ±0.3% 4.1 ~ 5.0%: ±0.4% 5.1 ~ 8.0%: ±0.5% 8.1 ~ 10.0%: ±0.6% Temp: ±1.0°C/ ±1.8°F
RESOLUTION	0.01% (0.01%-3.0%) 0.1% (3.1%-10.0%) Temp: 0.1°C/°F
SENSOR	Platinum
CALIBRATION	Digital
POWER	2 x AAA
DIMENSIONS	16.8 x 3.2 x 1.8 cm (6.6 x 1.3 x 0.4 in)
WEIGHT	100g/3.5oz (with batteries)

**TDS-3**

RANGE	0-9990 ppm Temp: 1-80°C / 33-176°F
ATC	YES
ACCURACY	± 2%
RESOLUTION	1ppm
CALIBRATION	Screw type
POWER	2 x LR44
SIZE	15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1.0 in)
WEIGHT	77g/2.7oz (with case)

**AP-1**

RANGE	0-5000ppm Temp: 1-80°C / 33-176°F
ATC	YES
ACCURACY	± 2%
RESOLUTION	1ppm
CALIBRATION	Digital
POWER	1 x CR2032
SIZE	15.0 x 2.8 x 1.3 cm (5.9 x 1.1 x 0.5 in)
WEIGHT	43g/1.5oz (with batteries)

**AP-2**

RANGE	0-9990µS Temp: 1-80°C / 33-176°F
ATC	YES
ACCURACY	± 2%
RESOLUTION	1µS
CALIBRATION	Digital
POWER	1 x CR2032
SIZE	15.0 x 2.8 x 1.3 cm (5.9 x 1.1 x 0.5 in)
WEIGHT	43g/1.5oz (with batteries)

**TDS-4TM**

RANGE	0-9990 ppm Temp: 1-80°C / 33-176°F
ATC	YES
ACCURACY	± 2%
RESOLUTION	1ppm
CALIBRATION	Screw type
POWER	2 x LR44
SIZE	14.0 x 2.3 x 1.5 cm (5.5 x 0.9 x 0.9 in)
WEIGHT	34g/1.9oz (with batteries)

**COM-80**

RANGE	0-9999µS/ 0-9.9mS 0-5000ppm (0.5 Scale) 0-8560ppm (0.7 Scale) Temp: 0-55°C / 32-130°F
ATC	YES
ACCURACY	± 2%
RESOLUTION	1µS; 0.1mS 1ppm; 0.1°C/F
CALIBRATION	Digital
POWER	3 x LR44
SIZE	15.3 x 3.2 x 1.8 cm (6.0 x 1.3 x 0.7 in)
WEIGHT	55g/1.9oz (with batteries)

**PH-80**

RANGE	0-14 pH Temp: 0-55°C / 32-130°F
ATC	YES
ACCURACY	± 0.2pH
RESOLUTION	0.1 pH; 0.1°C/F
CALIBRATION	Auto at 4, 7, 10 pH
POWER	3 x LR44
SIZE	15.3 x 3.2 x 1.8 cm (6.0 x 1.3 x 0.7 in)
WEIGHT	65g/2.3oz (with batteries)



COM-100 (EC/TDS METER)

RANGE EC: 0-9990 μ S
0-9.99 mS
TDS: 0-8560ppm 0.7 (442)
0-5000 ppm 0.5 (NaCl)
0-8.56 ppt: 0.7 (442)
0-5.00 ppt: (NaCl)
Temp: 0.1-50°C /32-122°F

ATC YES

ACCURACY $\pm$ 2%

RESOLUTION EC: 0.1 μ S (0-99)
1 μ S (100-999)
10 μ S (1000-9990)
0.01mS (0-9.99)
TDS: 0.1 ppm (0-99)
1ppm (100-999)
10ppm (1000-9990)
0.01 ppt (0-8.56)
Temp: 0.1°C/°F

CALIBRATION Digital push button

POWER 2 x AAA

SIZE 18.5 x 3.4 x 3.4 cm
(7.3 x 1.3 x 1.3 in)

WEIGHT 127g/4.5oz



COM-300

RANGE pH : 0-14 pH
EC: 0-9990 μ S
0-9.99 mS
TDS: 0-8560ppm 0.5 (NaCl)
0-5000 ppm 0.7 (442)
Temp: 0.1-50°C /32-122°F

ATC YES

ACCURACY pH: $\pm$ 0.1
EC/TDS: $\pm$ 2%
Temp: $\pm$ 1°C/ $\pm$ 1.8°F

RESOLUTION pH: 0.1pH
EC: 1 μ S (0-999)
10 μ S (1000-9990)
0.01mS (0-9.99)
TDS: 1ppm (0-999)
10ppm (1000-9990)
Temp: 0.1°C/°F

CALIBRATION pH: Automatic in pH4,7, or 10
EC&TDS: Digital push button

POWER 2 x AAA

SIZE 18.5 x 3.4 x 3.4 cm
(7.3 x 1.3 x 1.3 in)

WEIGHT 124g/4.4oz (with batteries)



COM-360

RANGE pH : 0-14 pH
EC: 0-9990 μ S
0-9.99 mS
TDS: 0-8560ppm 0.5 (NaCl)
0-5000 ppm 0.7 (442)
Temp: 0-50°C /32-122°F

ATC YES

ACCURACY pH: $\pm$ 0.1
EC/TDS: $\pm$ 2%
Temp: $\pm$ 1°C/ $\pm$ 1.8°F

RESOLUTION pH: 0.1pH
EC: 1 μ S (0-999)
10 μ S (1000-9990)
0.01mS (0-9.99)
TDS: 1ppm (0-999)
10ppm (1000-9990)
Temp: 0.1°C/°F

CALIBRATION pH: Automatic in pH4,7, or 10
EC&TDS: Digital push button

POWER 2 x AAA

SIZE 20 x 3.4 x 3.4 cm
(7.8 x 1.3 x 1.3 in)

WEIGHT 130g/4.6oz (with batteries)

AAA Batteries
and Water
Resistant
Housing



Replaceable
Sensors



Easy and
Quick
Calibration



Superior
Accuracy



The Pro series are Professional handheld instruments readily used in all field applications. They are not only fast and accurate, but they are also waterproof, simple to calibrate, and have replaceable sensors. The portable measuring instruments of HM Digital are trusted in the market and are known for their ease of use.



PH-200 (PH METER)

RANGE	pH: 0-14 pH Temp: 0.1-55°C/ 32-130°F
ATC	YES
ACCURACY	± 0.1pH
RESOLUTION	pH : 0.01 pH Temp: 0.1°C/°F
CALIBRATION	Automatic in pH4,7, or 10 with fine tune digital calibration by push button
POWER	2 x AAA
SIZE	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)
WEIGHT	127g/4.5oz



ORP-200 (ORP METER)

RANGE	ORP: -999 to +1000mV Temp: 0.1-55°C/ 32-130°F
ATC	NO
ACCURACY	± 0.5% (± 2mV)
RESOLUTION	ORP: 1mV Temp: 0.1°C/°F
CALIBRATION	Digital push button
POWER	2 x AAA
SIZE	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)
WEIGHT	127g/4.5oz



HM DIGITAL refractometers are combined with advanced measurement technology with easy control. Auto Temperature Control (ATC) function ensures reliability to produce accurate readings and a large backlit LCD screen.

HM Digital's refractometers are suitable to be used for the food & beverage service industries.

COMMON SPECIFICATION

SENSOR	Prism Sensor
ATC	YES (10~60°C)
CALIBRATION	Digital (Zero Correction)
DIMENSIONS	58 x 36 x 122 mm (2.3 x 1.4 x 4.8 in)
HOUSING	Water-resistant
POWER	2 x AAA
WEIGHT	149g/5.3oz (w/ cover & battery)



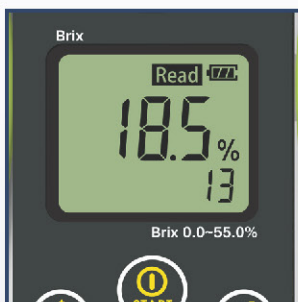
Superior Accuracy



Backlit Display



Removable Silicone Case



Large LCD Display



Bluetooth Connection
(For BTR models)



Fast to Read

SCM-1000

RANGE	Brix: 0~55% Temp: 0-70°C / 32-158°F
RESOLUTION	Brix: 0.1% Temp: 0.1°C
ACCURACY	Brix: ±0.2% Temp: ±1.0°C



BTR-1000 (Brix)

RANGE	Brix: 0~55% Temp: 0~70°C / 32~158°F
RESOLUTION	Brix: 0.1% Temp: 0.1°C
ACCURACY	Brix: ±0.2% Temp: ±1.0°C
CONNECTION	Bluetooth



BTR-1000 (Salinity)

RANGE	Salinity(%): 0~28% Temp: 0~70°C / 32~158°F
RESOLUTION	Salinity: 0.1% Temp: 0.1°C
ACCURACY	Salinity: ±0.1% Temp: ±1.0°C
CONNECTION	Bluetooth



BTR-1000 (Beer)

RANGE	Brix: 0~26% Plato: 0~30°P SG: 1.000~1.129 / Temp: 0~70°C / 32~158°F
RESOLUTION	Brix/Plato: 0.1% SG: 0.001 Temp: 0.1°C
ACCURACY	Brix/Plato: ±0.2% SG: ±0.002 Temp: ±1.0°C
CONNECTION	Bluetooth



BTR-1000 (Coffee)

RANGE	Brix: 0~26% TDS: 0~23% Temp: 0~70°C / 32~158°F
RESOLUTION	Brix: 0.01% TDS: 0.01% Temp: 0.1°C
ACCURACY	Brix: ±0.2% TDS: ±0.2% Temp: ±1.0°C
CONNECTION	Bluetooth



BTR-1000 (Wine)

RANGE	Brix: 0~55% KMW: 0~46.4° Be: 0~29.8° Babo: 0~46.4° Oe: 0~256° TAVP: 0.0~37.9% Temp: 0~70°C (32~158°F)
RESOLUTION	0.1 (1.0 for Oe) Temp: 0.1°C
ACCURACY	Brix: ±0.2% Temp: ±1.0°C
CONNECTION	Bluetooth



RWM-1000 (Wine Refractometer)

RANGE	Brix: 0~55% KMW: 0~46.4° Be: 0~29.8° Babo: 0~46.4° Oe: 0~256° TAVP: 0.0~37.9% Temp: 0~70°C (32~158°F)
RESOLUTION	0.1 (1.0 for Oe) Temp: 0.1°C
ACCURACY	Brix: ±0.2% Temp: ±1.0°C

* Not Available in the US/ North America



HM-500

RANGE pH: 0~14pH
EC: 0~9990 μ S/0~20mS
TDS: 0~9990ppm/
0~10ppt
Temp: 0~55°C/ 32~130°F

ACCURACY pH: ± 0.1 pH
EC: $\pm 2\%$
TDS: $\pm 2\%$
Temp: $\pm 1^\circ\text{C}$ / $\pm 1.8^\circ\text{F}$

RESOLUTION pH: 0.1pH

EC:
0.1 μ S (0~99.9)
1 μ S (100~999)
10 μ S (1000~9990)
0.01mS (0.01~20.00)

TDS:
0.1ppm (0~99.9)
1ppm (100~999)
10ppm (1000~9990)
0.01 ppt (0.01~10.00)

Temp: 0.1°C/°F

ATC YES

CALIBRATION Digital

POWER Rechargeable Li-ion
Battery

SIZE 20 x 11 x 3.6 cm
(8 x 4 x 1.4 in)

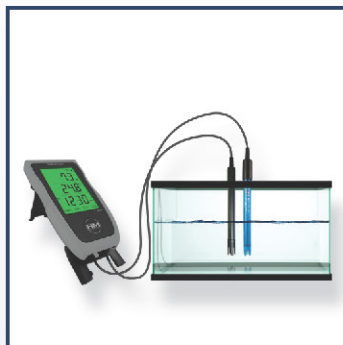
WEIGHT 430g/15.1oz

FEATURES

- Continuous pH (pe) / EC (conductivity) / TDS / temperature monitoring
- Rechargeable battery
- Various usage: Portable / Wall-mount / Bench-top
- Save function: save 20 measurements
- Auto OFF function: 5 minutes
- Alarm: High & Low set value (ON / OFF possible)
- Screen: LCD touch screen (automatic backlight function)
- Sensor: Platinum EC / TDS Sensor, Single Junction pH sensor



Wall-mount



Bench-top Mode



Auto Brightness



Touch-screen



HM-200

RANGE
 pH: 0~14pH
 EC: 0~9990 μ S/0~20mS
 TDS: 0~9990ppm
 Temp: 0~55°C/ 32~130°F

ACCURACY
 pH: ± 0.1 pH
 EC: $\pm 2\%$
 TDS: $\pm 2\%$
 Temp: $\pm 1^\circ\text{C}$ / $\pm 1.8^\circ\text{F}$

RESOLUTION
 pH: 0.1pH
 EC:
 0.1 μ S (0~99.9)
 1 μ S (100~999)
 10 μ S (1000~9990)
 0.01mS (0.01~20.00)
 TDS:
 0.1ppm (0~99.9)
 1ppm (100~999)
 10ppm (1000~9990)
 Temp: 0.1°C/°F

ATC YES

CALIBRATION Digital

POWER 2 x AA

SIZE 14 x 6.6 x 2.8 cm
 (5.5 x 2.6 x 1.1 in)

WEIGHT 212g/7.5oz

FEATURES

- pH / EC / TDS / temperature measurement
- 5 units: pH, μ S, mS, ppm 0.5 (NaCl) Scale & 0.7 (442 TM) Scale
- Automatic Temperature Compensation Function (ATC)
- Digital calibration
- Large readability LCD screen
- Simultaneous display of three measured values of pH / EC or TDS / temperature
- Replaceable sensors
- Included Accessories: Protective cover, 2 AA batteries, pH 4 & 7 calibration solution, pH preservation solution



Removable Cover



Portable



Backlit



Rugged Body

HM-100 COMBO METER



HM-100

RANGE
 pH: 0~14pH
 EC: 0-10mS
 TDS: 0~9990 ppm
 Temp: 0.0~55°C / 32~130°F

ATC YES

ACCURACY
 pH: ± 0.1 pH
 EC: $\pm 2\%$
 TDS: $\pm 2\%$
 Temp: $\pm 1^\circ\text{C}$ / $\pm 1.8^\circ\text{F}$

RESOLUTION
 pH: 0.1pH
 EC:
 0.01mS (0.01~10.00)
 TDS:
 1ppm (0~999)
 10ppm (1000~9990)
 Temp: 0.1°C/°F

CALIBRATION Digital

POWER AC 110V/220V

SIZE
 20.0 x 11.0 x 3.3 cm
 (7.9 x 4.3 x 1.4 in)

A WEIGHT 285g/10.1oz

FEATURES

- pH / EC / TDS / temperature measurement
- Various units: pH, mS, ppm, 0.5 (NaCl) & 0.7 (442 TM)
- Automatic Temperature Compensation Function (ATC)
- Digital calibration method
- Displays pH / EC or TDS / temperature simultaneously.
- Replaceable sensors



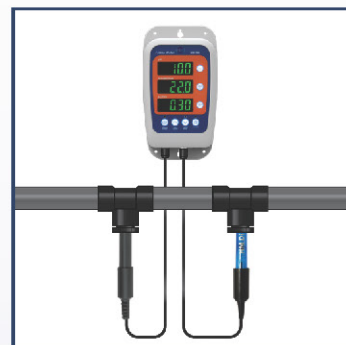
Large Screen,
Simple Control



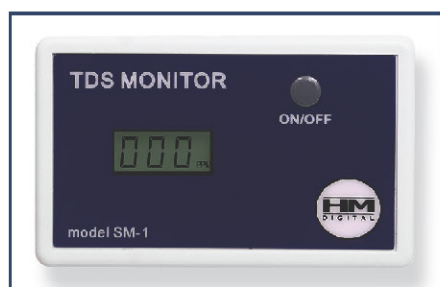
Wall-mount



Plug Type Sensor

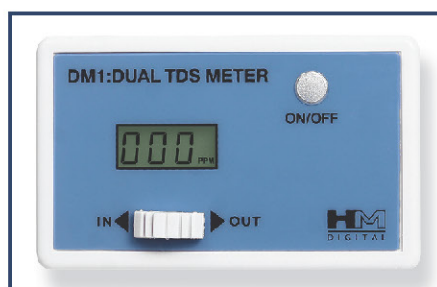


Continuous
Monitoring



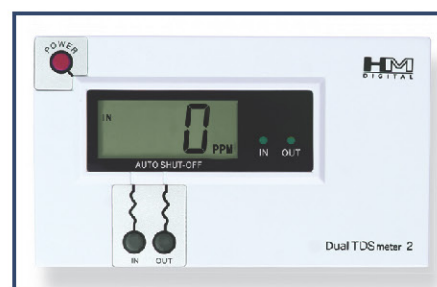
SM-1 Single TDS Monitor

RANGE	TDS: 0-9990 ppm
ACCURACY	± 2%
RESOLUTION	1ppm(0-999) 10ppm(1000-9990)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Analog
SENSOR	1/4" (1EA)
SENSOR CABLE	62.2cm /2.0ft
POWER	2 x LR44
SIZE	7.6 x 2 x 4.7 cm (3 x 0.8 x 1.9 in)
WEIGHT	79g/ 2.8oz



DM-1 Dual TDS Monitor

RANGE	TDS: 0-9990 ppm
ACCURACY	± 2%
RESOLUTION	1ppm(0-999) 10ppm(1000-9990)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Analog
SENSOR	1/4" (2EA)
SENSOR CABLE	62.2cm /2.0ft
POWER	2 x LR44
SIZE	7.6 x 2 x 4.7 cm (3 x 0.8 x 1.9 in)
WEIGHT	79g/ 2.8oz



DM-2/ DM-2EC Dual TDS Monitor

RANGE	TDS: 0-9990 ppm EC: 0-9990 µS
ACCURACY	± 2%
RESOLUTION	1 (0-999) 10 (1000-9990)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Analog
SENSOR	1/4" (2EA)
SENSOR CABLE	116.8cm/3.8ft shielded
POWER	2 x AA
SIZE	11.6 x 6.8 x 1.8 cm (4.6 x 2.6 x 0.7 in)
WEIGHT	224g/ 7.9oz



TRM-1 Triple TDS Monitor

RANGE	TDS: 0-9990 ppm
ACCURACY	± 2%
RESOLUTION	1 (0-999) 10 (1000-9990)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Analog
SENSOR	1/4" (3EA)
SENSOR CABLE	62.2cm /2.0ft
POWER	2 x LR44
SIZE	7.6 x 2 x 4.7 cm (3 x 0.8 x 1.9 in)
WEIGHT	79g/ 2.8oz



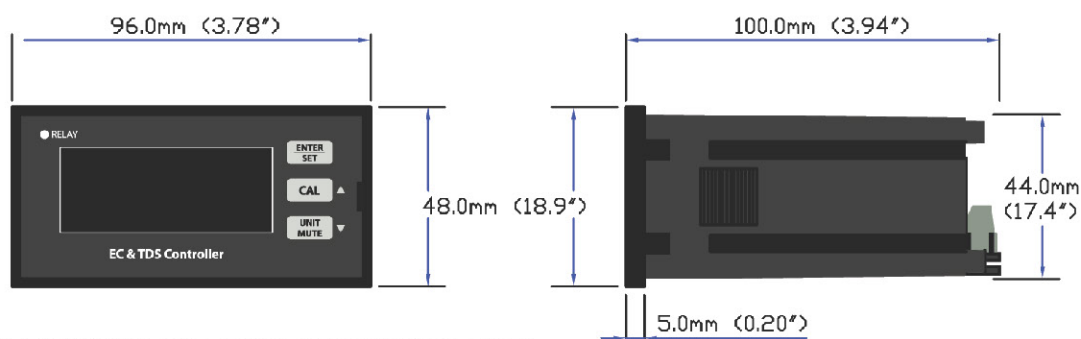
QC-1 Quick Check Monitor

RANGE	TDS: 0-5000 ppm EC: 0-9990 µS
ACCURACY	± 3%
RESOLUTION	-
ATC	NO
CALIBRATION	-
SENSOR	1/4" (1EA)
SENSOR CABLE	62.2cm /2.0ft
POWER	4 x 1.5V 389-A
SIZE	7.6 x 2 x 4.7 cm (3 x 0.8 x 1.9 in)
WEIGHT	40g/ 1.4oz

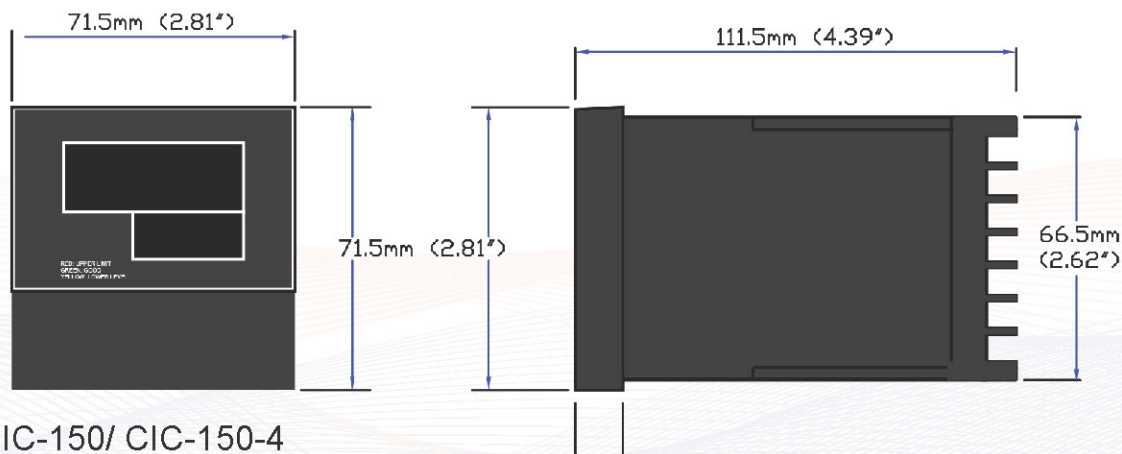


FLM-3 Flow Meter

RANGE	0.8-8.0 LPM 0.2-2.1 GPM 0-99999 gallon/liter
ACCURACY	± 10%
RESOLUTION	0.1 LPM/GPM; 1 gallon/liter
SET POINT	Programmable
ALARM	Sound
SENSOR	1/4" quick connect
POWER	2 x AA
SIZE	6.6 x 9.0 x 6.3 cm (2.6 x 3.5 x 2.5 in)
WEIGHT	207g/7.3oz



FOR: PSC-50/ PSC-54/ PSC-60D/ PSC-64D



FOR : CIC-150/ CIC-150-4
CIC-152/ CIC-152-4 / PPH-1000
PSC-150/ PSC-154



PSC-50 / PSC-54

RANGE TDS: 0-9999 ppm
0-10 ppt
EC: 0-9999 μ S
0-20 mS

ACCURACY $\pm 2\%$

RESOLUTION 0.1 (0-99.9)
1 (100-9999)
0.01 (mS/ ppt)

ATC YES

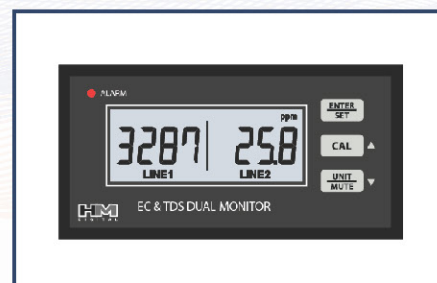
CALIBRATION Digital

OUTPUT SINGAL 4-20mA (PSC-54 ONLY)

SENSOR 1/2" NPTF, 3m shielded

POWER AC 110V / 220V

SIZE 96 x 48 x 100 mm
(3.8 x 1.9 x 3.9 in)



PSC-60D / PSC-64D

RANGE TDS: 0-9999 ppm
0-10 ppt
EC: 0-9999 μ S
0-20 mS

ACCURACY $\pm 2\%$

RESOLUTION 0.1 (0-99.9)
1 (100-9999)
0.01 (mS/ ppt)

ATC YES

CALIBRATION Digital

OUTPUT SINGAL 4-20mA (PSC-64 ONLY)

SENSOR 1/2" NPTF, 3m shielded

POWER AC 110V / 220V

SIZE 96 x 48 x 100 mm
(3.8 x 1.9 x 3.9 in)



PSC-150

RANGE	0-9999 ppm 0-9999 µS
ACCURACY	± 2%
RESOLUTION	0.1(0-999 ppm/µS) 1(1000-9999 ppm/µS)
ATC	YES
CALIBRATION	Digital
RELAY	Programmable
ALARM	Programmable
SENSOR	1/2" NPTF, 3m shielded
POWER	AC 110V / 220V
SIZE	71.5 x 71.5 x 111.5 mm (2.8 x 2.8 x 4.4 in)



PSC-154

RANGE	0-9999 ppm 0-9999 µS
ACCURACY	± 2%
RESOLUTION	0.1(0-999 ppm/µS) 1(1000-9999 ppm/µS)
ATC	YES
CALIBRATION	Digital
OUTPUT SINGAL	4-20mA (PSC-154 ONLY)
RELAY	Programmable
ALARM	Programmable
SENSOR	1/2" NPTF, 3m shielded
POWER	AC 110V / 220V
SIZE	71.5 x 71.5 x 111.5 mm (2.8 x 2.8 x 4.4 in)



CIC-150 / CIC-150-4

RANGE	0-5000 ppm NaCl 0-8500 ppm 442 0-9999 µS
ACCURACY	± 2%
RESOLUTION	0.1(0-999 ppm/µS) 1(1000-8500 ppm/µS)
ATC	YES
CALIBRATION	Digital
RELAY	One, upper and lower limit
ALARM	Programmable
SENSOR	1/2" NPTF, 3m shielded
POWER	AC 110V / 220V
SIZE	71.5 x 71.5 x 111.5 mm (2.8 x 2.8 x 4.4 in)



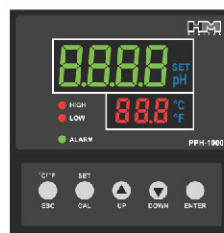
CIC-152 / CIC-152-4

RANGE	0-5000 ppm NaCl 0-8500 ppm 442 0-9999 µS
ACCURACY	± 2%
RESOLUTION	0.1(0-999 ppm/µS) 1(1000-8500 ppm/µS)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Digital
RELAY	Two, upper and lower limit
ALARM	Two independent alarms (max. and min)
SENSOR	1/2" NPTF, 3m shielded
POWER	AC 110V / 220V
SIZE	71.5 x 71.5 x 111.5 mm (2.8 x 2.8 x 4.4 in)



PS-202

RANGE	0-999 ppm (mg/L)
ACCURACY	± 2%
RESOLUTION	1 ppm
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Analog
RELAY	Two, Programmable
ALARM	Programmable
SENSOR	1/2" NPTF, 3m shielded
POWER	AC 110V / 220V
SIZE	96 x 96 x 125 mm (3.7 x 3.7 x 4.9 in)



PPH-1000

RANGE	0.01 – 14.00 pH
ACCURACY	±0.1pH
RESOLUTION	0.01 pH / 0.1°C (0.1°F)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Digital
RELAY	Two, upper and lower limit
ALARM	Programmable
SENSOR	3/4" Electrode 3m shielded
POWER	AC 110V / 220V
SIZE	71.5 x 71.5 x 111.5 mm (2.8 x 2.8 x 4.4 in)

SENSORS/ ACCESSORIES



SP-1-PSC

High quality construction
Stainless steel sensor pins
1/2" Thread (NPT)
Thermometer included
Pressure tested



SP-O2

ORP-200 Replacement probe
ABS material
Thermometer included



SP-P2

PH-200, COM-360 Replacement probe
ABS material
Glass pH sensor with reference tube
Thermometer included



SP-C1/ SP-C4

SP-C1= COM-100
SP-C4=COM-360
ABS material
Stainless steel sensor pins
Thermometer included



SP-C3

COM-300 Replacement probe
ABS material
Stainless steel sensor pins
Glass pH sensor with reference tube
Thermometer included



SP-C2/ SP-C5

C2: HM-100, HM-200
C5: HM-500
Platinum plated sensor pins
Stainless steel sensor pins



SP-P5

For HM Series (HM-100, HM-200, HM-500)
Glass pH probe with single junction
Ag/AgCl, Sat, KCl gel reference tube



SP-P10

pH Probe for PPH-1000
Glass pH probe with single junction
Ag/AgCl, Sat, KCl gel reference tube
3/4" Thread
For industrial uses



SP-2

For DM-1
Stainless steel sensors
1/4" Probe
24.5" Cable
8-pin Connector



SP-3

For DM-2
Stainless steel sensors
1/4" Probe
Shielded Cable
Dual 4-pin Connector



SP-5

For SM-1
Stainless steel sensors
1/4" Probe
Shielded Cable
Single 4-pin



CP-1000

1000 ppm TDS calibration solution
20 x 20 ml Pack
NaCl @ 25°C / 77 °F



PH-P4

4 pH calibration solution
20 x 20 ml Pack



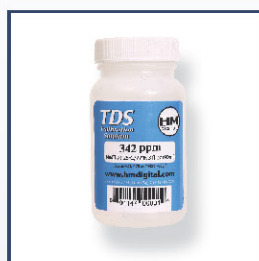
PH-P7

7 pH calibration solution
20 x 20 ml Pack



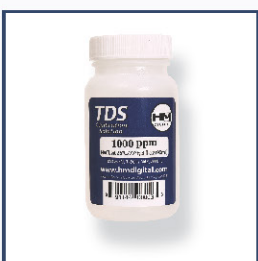
ASP-20

20 Packs of assorted solutions
5 PH-STOR
5 PH-P7
5 CP-1000



C-342

342 ppm TDS calibration solutions (90ml)
lightweight HDPE plastic bottles
Sealed with a coated foam liner



C-1000

1000 ppm TDS calibration solutions (90ml)
lightweight HDPE plastic bottles
Sealed with a coated foam liner



PH-STOR

PH-STOR Electrode storage solution (60ml)
Bottle designed for multiple uses

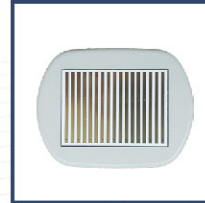


ORP-STOR

ORP sensor storage solution
Bottle designed for multiple uses

LBS-10

TEMP RANGE	1~60°C / 34~140°F
MAX. FLOW RATE	6 GPM / 23 LPM
MAX. PRESSURE	116 psi / 8.0 bar ±10%
CONNECTION	3/8" NPT, 1/2" BSP
POWER	1 X 9V Battery
WEIGHT	308g/10.8oz
CABLE	1M/3.2ft



Large and accurate sensor

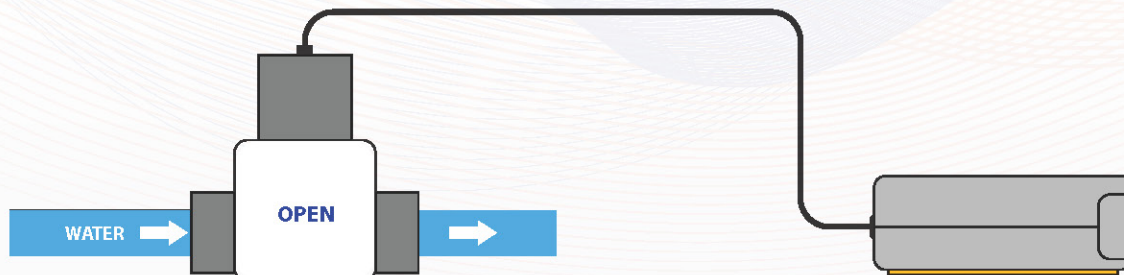


ID: 3/8" NPT
OD: 1/2" BSP

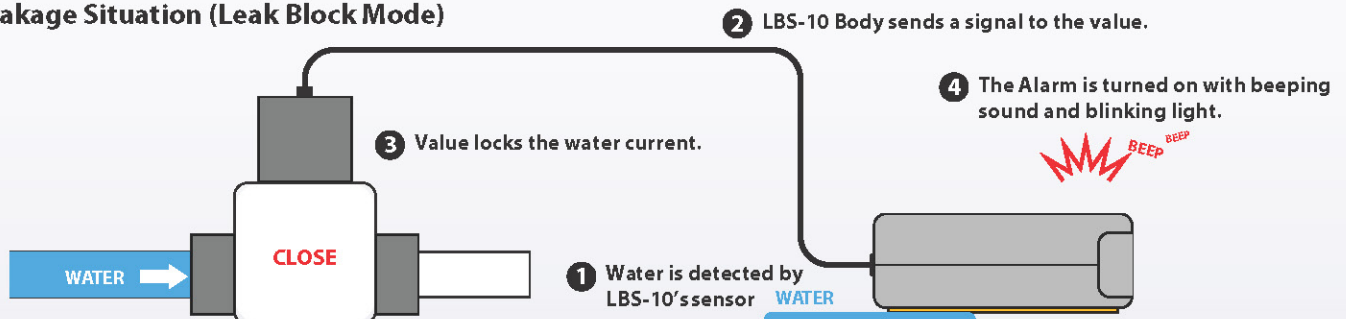


Available with various fittings

Normal Situation (Standby Mode)



Leakage Situation (Leak Block Mode)





HM-500

RANGE pH: 0~14pH
EC: 0~9990 μ S/0~20mS
TDS: 0~9990ppm/
0~10ppt
Temp: 0~55°C/ 32~130°F

ACCURACY pH: ± 0.1 pH
EC: $\pm 2\%$
TDS: $\pm 2\%$
Temp: $\pm 1^\circ\text{C}$ / $\pm 1.8^\circ\text{F}$

RESOLUTION pH: 0.1pH

EC:
0.1 μ S (0~99.9)
1 μ S (100~999)
10 μ S (1000~9990)
0.01mS (0.01~20.00)

TDS:
0.1ppm (0~99.9)
1ppm (100~999)
10ppm (1000~9990)
0.01 ppt (0.01~10.00)

Temp: 0.1°C/°F

ATC YES

CALIBRATION Digital

POWER Rechargeable Li-ion
Battery

SIZE 20 x 11 x 3.6 cm
(8 x 4 x 1.4 in)

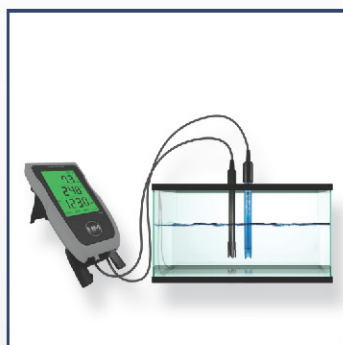
WEIGHT 430g/15.1oz

FEATURES

- Continuous pH (pe) / EC (conductivity) / TDS / temperature monitoring
- Rechargeable battery
- Various usage: Portable / Wall-mount / Bench-top
- Save function: save 20 measurements
- Auto OFF function: 5 minutes
- Alarm: High & Low set value (ON / OFF possible)
- Screen: LCD touch screen (automatic backlight function)
- Sensor: Platinum EC / TDS Sensor, Single Junction pH sensor



Wall-mount



Bench-top Mode



Auto Brightness



Touch-screen

**COM-360**

RANGE
 pH: 0-14 pH
 EC: 0-9990 μ S
 0-9.99 mS
 TDS: 0-8560ppm 0.5 (NaCl)
 0-5000 ppm 0.7 (442)
 Temp: 0-50°C / 32-122°F

ACCURACY
 pH: ± 0.1
 EC/TDS: $\pm 2\%$
 Temp: $\pm 1^\circ\text{C}$ / $\pm 1.8^\circ\text{F}$

RESOLUTION
 pH: 0.1pH
 EC: 1 μ S (0-999)
 10 μ S (1000-9990)
 0.01mS (0-9.99)
 TDS: 1ppm (0-999)
 10ppm (1000-9990)
 Temp: 0.1°C/°F

ATC YES

CALIBRATION
 pH: Automatic in pH4, 7,
 or 10 EC&TDS: Digital
 push button

POWER 2 x AAA

SIZE 20 x 3.4 x 3.4 cm
 (7.8 x 1.3 x 1.3 in)

WEIGHT 130g/4.6oz (with batteries)

FEATURES

- Calibration: Auto/ Fine tune digital calibration
- ATC: Automatic (ATC) to 25°C (ATC range 1-50°C)
- Auto OFF function: 5 minutes
- Probe: Detachable pH & TDS/EC Sensor
- Display: LCD Panel
- Housing: Water resistance (splash proof)
- Power source: 2 x AAA batteries
- Weight: 130g (4.6oz) with batteries



Removable
Sensors



AAA Battery



Water Resistance



Digital Gyroscope
(automatic screen rotation)

HM Digital India Pvt Ltd, is a leading manufacturer of professional fluid testing instruments that tests for EC, TDS, pH, ORP, temperature and volume.

Our products include handheld meters, in-line monitors, controllers, sensors, calibration solutions and more.



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