

# YOUR FIRST STEP TO PERFECT WATER

Premier Water Testing Instruments



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



COM-300L  
PH/EC/TDS/TEMP METER



DM-3  
DUAL TDS MONITOR



PH-80  
PH METER

1-310-410-3100  
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HMDigital.com

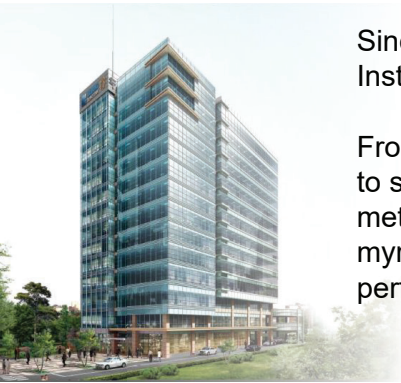
LOS ANGELES, USA  
SEOUL, SOUTH KOREA

# 2022 CATALOG

HM DIGITAL INC.



# 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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# NEW PRODUCT (DM-3 DUAL TDS MONITOR)



## DM-3 Dual TDS Monitor

The DM-3 is a commercial-grade TDS monitor measuring TDS feed (input) water vs. product (output) water of a water filtration system at any time. DM-3 has a large backlit screen that you will be able to see the readings in dark environments. With its shielded cables and diagnostic messaging this robust device is ideal for Reverse Osmosis (RO), Deionized water (DI) filtration systems that work well in applications such as drinking or potable water, Water treatment, Aquariums, Hydroponics, and many more.

RANGE	TDS: 0-9990 ppm
ACCURACY	± 2%
RESOLUTION	1ppm
ATC	YES
CALIBRATION	Digital
SENSOR	1/4" (2EA)
SENSOR CABLE	1.2m /3.9ft
POWER	2 x AA
SIZE	11.6 x 1.9 x 7.0 cm (4.6 x 0.7 x 2.8 in)
WEIGHT	225g/ 7.9oz

### FEATURES

- Displays TDS levels of the Feed Water (Line1) and Product Water (Line2) simultaneously.
- Automatic Temperature Compensation Function (ATC)
- Digital Calibration
- Shielded Sensor Cables
- Replaceable Sensors
- Automatic Backlight Screen



Easy magnetic Wall-mount



Slim Profile



Light and Motion Sensor



Dual Line Display

# NEW PRODUCT (COM-300L)

**NEW**



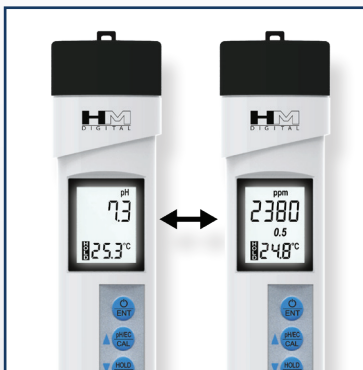
Extended Probe



Replaceable Sensors



Protective Case



PH/EC/TDS Combo Meter

## COM-300L (PH/EC/TDS/TEMP METER)

COM-300L is a professional grade pH/EC/TDS/Temp meter with an extended probe for easy use. The rugged body of the meter allows you to measure without worrying. Measure various solutions with simple controls.

### COM-300L

RANGE	pH : 0-14 pH EC: 0-9990 $\mu$ 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	$\pm$ 2%
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RESOLUTION	pH: 0.1pH EC: 1 $\mu$ S (0-999) 10 $\mu$ S (1000-9990) 0.01mS (0-9.99) TDS: 1ppm (0-999) 10ppm (1000-9990) Temp: 0.1°C/°F
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CALIBRATION	Digital push button
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POWER	2 x AAA
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SIZE	39.1 x 3.4 x 3.4 cm (15.4 x 1.3 x 1.3 in)
------	--

A WEIGHT	164g/5.8oz
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### FEATURES

- pH / EC / TDS / temperature measurement
- 5 units: pH,  $\mu$ S, mS, ppm 0.5 (NaCl) Scale & 0.7 (442™) Scale
- Automatic Temperature Compensation Function (ATC)
- Digital calibration
- Backlight Screen
- Replaceable sensors
- Vibrate notification (meter vibrates when measurement reading is stable)

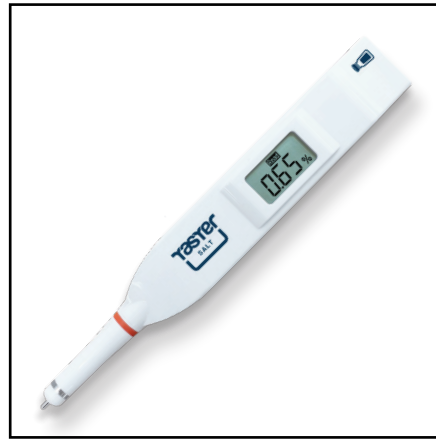
# SALINITY METERS



## 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.

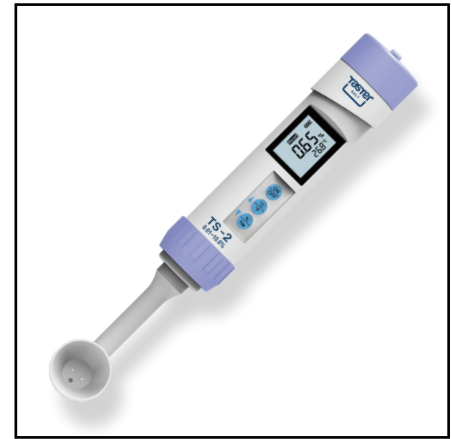
RANGE	PSU: 0.0-55.0 SG: 1.000 ~ 1.042 ppt: 0.0 ~ 105.0 Temp: 0-50°C / 32-122°F
ATC	YES
ACCURACY	PSU: ± 2.0 SG: ± 0.002 ppt: ± 2.0(0.0~55.1) Temp: ±1.0°C/ ±1.8°F
RESOLUTION	PSU: 0.1 SG: 0.001 ppt: 0.1 Temp: 0.1°C/°F
SENSOR	Platinum
CALIBRATION	Digital
POWER	2 x AAA
DEMENSIONS	21.6 x 3.4 x 3.4 cm (8.5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



## TS-1

TS-1 is a very convenient salinity meter that automatically turns on by immersing the meter in a solution. With ATC function, The TS-1 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
DEMENSIONS	17.1 x 2.5 x 2.45 cm (7 x 1 x 1 in)
WEIGHT	65g/2.3oz (with batteries)



## TS-2

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
DEMENSIONS	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 5.9 in)
WEIGHT	34g/1.9oz (with batteries)



### COM-80

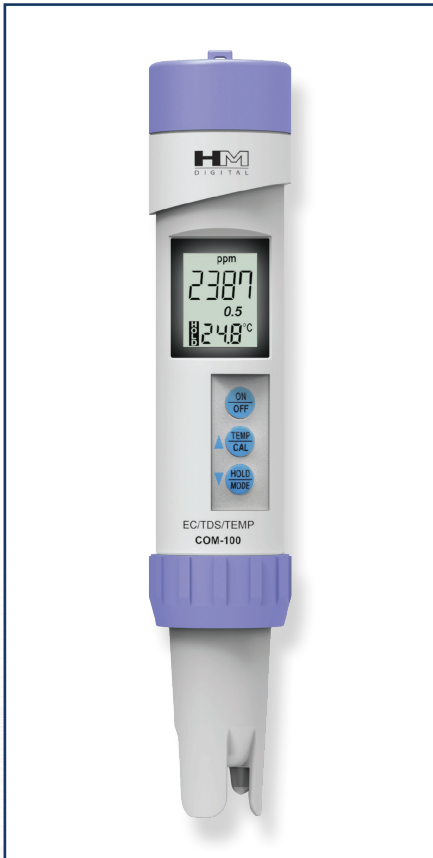
RANGE	0-9999µS/ 0-9.9mS 0-5000ppm (0.5 Scale) 0-8560ppm (0.7 Scale) Temp: 0-55°C / 32-130°F
ATC	YES
ACCURACY	± 2%
RESOLUTION	1µS; 0.1mS 1ppm; 0.1°C/F
CALIBRATION	Digital
POWER	3 x LR44
SIZE	15.3 x 3.2 x 1.8 cm (6.0 x 1.3 x 0.7 in)
WEIGHT	55g/1.9oz (with batteries)



### 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)

# PRO SERIES HANDHELDS



## COM-100 (EC/TDS METER)

**RANGE** EC: 0-9990  $\mu$ 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  $\mu$ S (0-99)  
1  $\mu$ S (100-999)  
10 $\mu$ 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  $\mu$ 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  $\mu$ S (0-999)  
10 $\mu$ 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  $\mu$ 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  $\mu$ S (0-999)  
10 $\mu$ 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

# REFRACTOMETERS

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



## 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



Large LCD Display



Bluetooth Connection  
(For BTR models)



Fast to Read



### BTR-1000 (Brix)

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



### BTR-1000 (Salinity)

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



### BTR-1000 (Beer)

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



### BTR-1000 (Coffee)

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



### BTR-1000 (Wine)

<b>RANGE</b>	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)
<b>RESOLUTION</b>	0.1 (1.0 for Oe) Temp: 0.1°C
<b>ACCURACY</b>	Brix: ±0.2% Temp: ±1.0°C
<b>CONNECTION</b>	Bluetooth



### RWM-1000 (Wine Refractometer)

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

\* Not Available in the US/ North America



## HM-500

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

**ACCURACY** pH:  $\pm 0.1$ 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 $\mu$ S (0~99.9)  
 1 $\mu$ S (100~999)  
 10 $\mu$ 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)

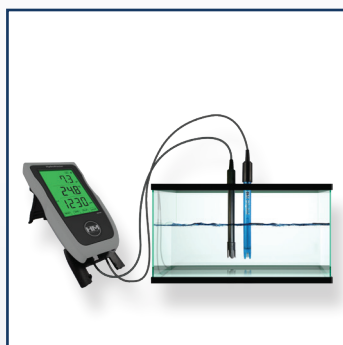
**WEIGHT** 430g/15.1oz

## 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 $\mu$ S/0~20mS  
 TDS: 0~9990ppm  
 Temp: 0~55°C/ 32~130°F

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

**RESOLUTION**  
 pH: 0.1pH  
 EC:  
 0.1 $\mu$ S (0~99.9)  
 1 $\mu$ S (100~999)  
 10 $\mu$ 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,  $\mu$ S, mS, ppm 0.5 (NaCl) Scale & 0.7 (442<sup>TM</sup>) 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:  $\pm 0.1$ 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™)
- Automatic Temperature Compensation Function (ATC)
- Digital calibration method
- Displays pH / EC or TDS / temperature simultaneously.
- Replaceable sensors



Large Screen,  
Simple Control



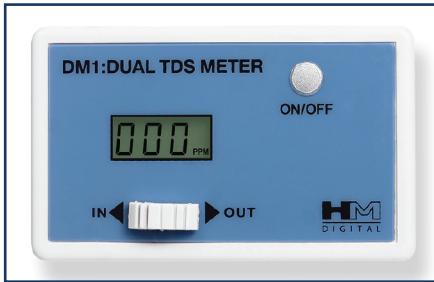
Wall-mount



Plug Type Sensor



Continuous  
Monitoring



### 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



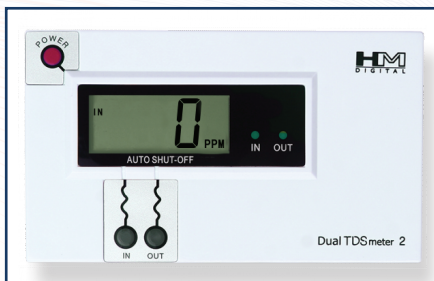
### LSM-100 Monitor

RANGE	TDS: 0-9999 ppm 0-10.0 ppt EC: 0-9999 µS 0-20.00 mS
ACCURACY	± 2%
RESOLUTION	0.1 (0-99) 1 (100-9999) 0.01 (ms/ppt)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Digital
SENSOR	1/2" NPTF
SENSOR CABLE	3m/9.8ft
POWER	2 x AA
SIZE	12.0 x 7.5 x 2.6 cm (4.7 x 2.9 x 1.0 in)
WEIGHT	198g/ 7.0oz



### LDM-100R Dual Rejection Monitor

RANGE	TDS: 0-9999 ppm 0-10.0 ppt EC: 0-9999 µS 0-20.00 mS
ACCURACY	± 2%
RESOLUTION	0.1 (0-99) 1 (100-9999) 0.01 (ms/ppt)
ATC	YES (1-65°C/33-149°F)
CALIBRATION	Digital
SENSOR	1/2" NPTF (2EA)
SENSOR CABLE	3m/9.8ft
POWER	2 x AA
SIZE	12.0 x 7.5 x 2.6 cm (4.7 x 2.9 x 1.0 in)
WEIGHT	198g/ 7.0oz



### 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



### FLM-3 Flow Meter

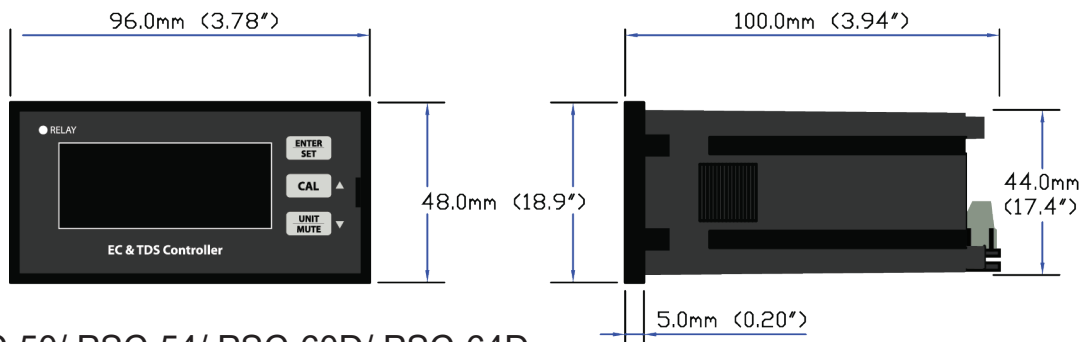
RANGE	0.8-8.0 LPM 0.2-2.1 GPM 0-99999 gallon/liter
ACCURACY	± 10%
RESOLUTION	0.1 LPM/GPM; 1 gallon/liter
SET POINT	Programmable
ALARM	Sound
SENSOR	1/4" quick connect
POWER	2 x AA
SIZE	6.6 x 9.0 x 6.3 cm (2.6 x 3.5 x 2.5 in)
WEIGHT	207g/7.3oz



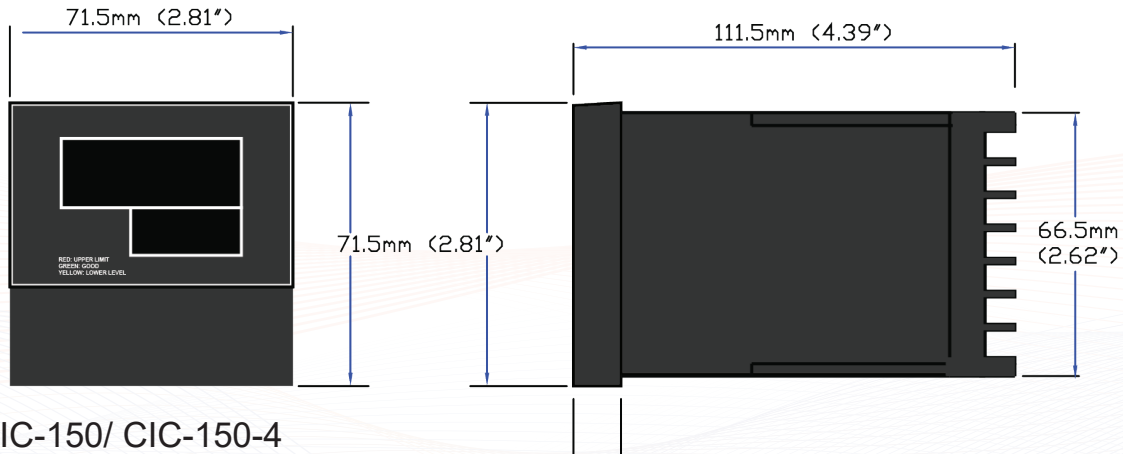
### PM-1/ PM-2

RANGE	TDS: 0-200 ppm
ACCURACY	± 2%
ATC	YES (1-65°C/33-149°F)
SET POINT	Set by dip switch
ALARM	Light and Sound
SENSOR	116.8cm/3.8ft shielded
SENSOR CABLE	1/4"
POWER	AC 110V / 220V
SIZE	9.1 x 7.1 x 4 cm (3.6 x 2.8 x 1.6 in)
WEIGHT	415g/ 14.6oz

# CONTROLLERS



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 µS  
0-20 mS

ACCURACY ± 2%

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

ATC YES

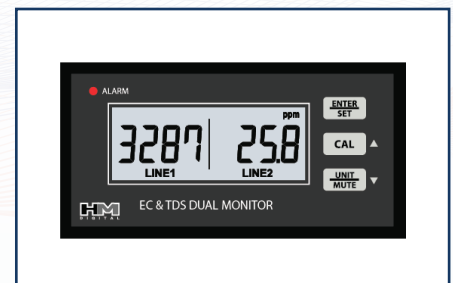
CALIBRATION Digital

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 µS  
0-20 mS

ACCURACY ± 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



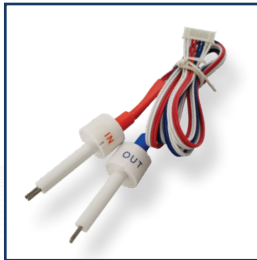
**SP-C2/ SP-C5**  
C2: HM-100, HM-200  
C5: HM-500  
Platinum plated sensor pins  
Stainless steel sensor pins



**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-P4  
5 PH-P7  
5 CP-1000



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

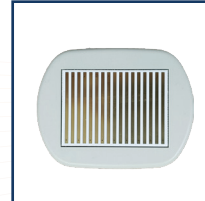


**ORP-STOR**  
ORP sensor storage solution  
Bottle designed for multiple uses

# LEAK BLOCK SENSOR (LBS-10)

## 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

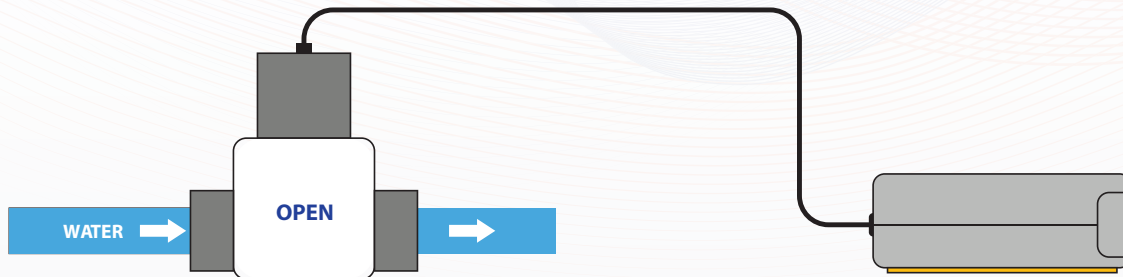


ID: 3/8" NPT  
OD: 1/2" BSP

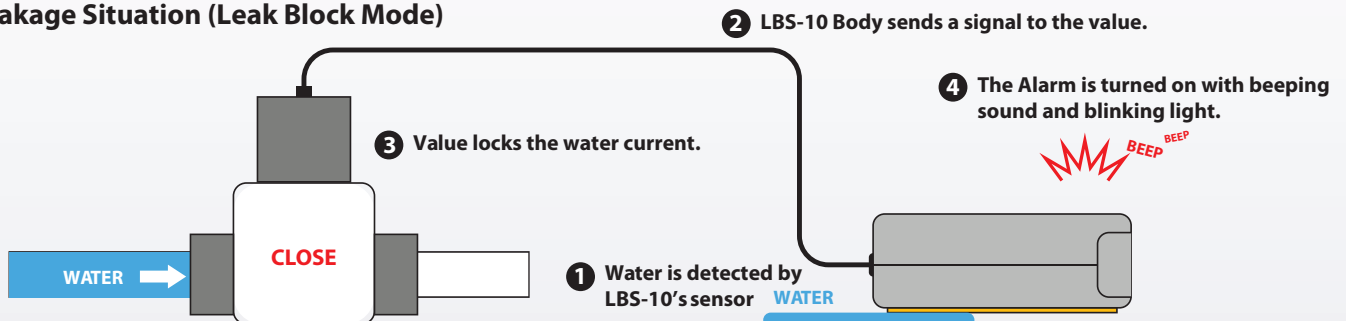


Available with various fittings

### Normal Situation (Standby Mode)



### Leakage Situation (Leak Block Mode)



*HM Digital, Inc. 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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