

- Industrial • Leak Detector • Pool / Spa • Water Treatment • Window Cleaning / Carwash •
- Aquaculture • Aquarium • Drinking Water • Food & Beverage • Food Service • Hydroponics •



HM DIGITAL GENERAL CATALOG 2019



HMDigital.com
TDSMETER.com

LOS ANGELES, USA
SEOUL, SOUTH KOREA

2019 Content

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Product Highlight

COM-300 See page 11

The COM-300 is a professional grade level pH/EC/TDS/Temp meter ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.

HM-200 See page 6

The HM-200 is a versatile portable pH/EC/TDS/Temp monitor ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.

BTR-1000(Brix)

See page 8

The BTR-1000(Brix) is one of HM Digital's Smart Digital Refractometer with Bluetooth technology. This offers measurement in Brix in one decimal points. Comes with free Smartphone application for IOS and Android.

PH-80

See page 9

The PH-80 has proven to be the MOST reliable pH meter in its price range. It has become a favorite in such applications as hydroponics & gardening, pools & spas, aquariums & reef tanks, water ionizers, drinking water and more.

LBS-10

See page 4

Our LBS-10 LeakBlock Sensor can be used for numerous applications to avoid flooding and unnecessary leaks. The LBS-10 LeakBlock Sensor is perfect for traditional applications: RO Systems, inlets of a Filter System, and individual Filters. The robust commercial design of our latching valve, enables the LBS-10 LeakBlock Sensor to be used for additional applications.

HM Digital's About Us



Global HQ in Seoul, SK

Since 1987, HM Digital has been the premier source for the finest quality waster testing Instrumentation supplier.

From our facilities in Los Angeles, Seoul, China, and India, 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 made available at the very economical cost.

HM Digital takes pride not only in quality of our products, but also in our commitment to customer service and the shortest lead times in the industry.

With HM Digital Instruments, you can find the right solution for your application.

WHY HM DIGITAL?

What is TDS?

Total Dissolved Solids (TDS) are the total amount of mobile charged ions, including minerals, salts or metals dissolved in a given volume of water, expressed in units of mg per unit volume of water (mg/L)

Concern Your Water

TDS is directly related to the purity of water and the quality of water purification systems and affects everything that consumes, lives in, or uses water, whether organic or inorganic.

Where to Use?

Even the best water purification systems on the market require monitoring for TDS to ensure the filters and/or membranes are effectively removing unwanted particles and bacteria.

Check the following list below.



Pools and spas



Taste



Health



Commercial / Industrial



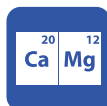
Filter Performance



Food Service



Colloidal Silver Water



Hardness (and water softeners)



Window Cleaning



Coffee



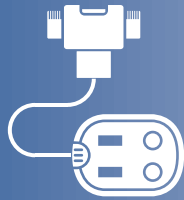
Aquariums / Aquaculture



Car Wash



Hydroponics

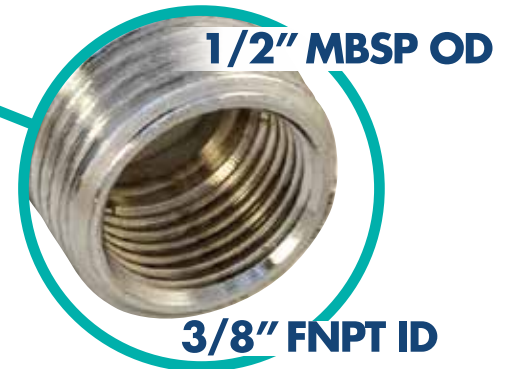


HM Digital's Leak Sensor

LBS-10 LEAK BLOCK SENSOR



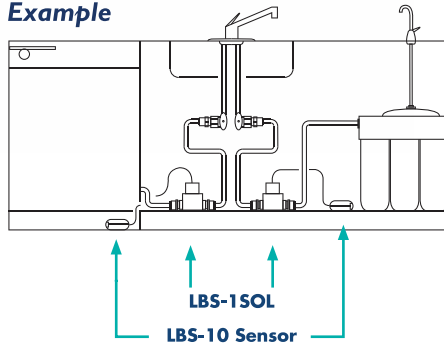
LBS-10 is equipped with a large sensor to detect water leaks instantly, works with any type of flooring.



The valve's inner diameter is 3/8 NPT, and the outer diameter is 1/2 BSP.

SPECIFICATION	LBS-10
TEMP. RANGE	1.1~63°C / 34~145°F
MAX. FLOW RATE	5 GPM / 19 LPM
MAX. PRESSURE	125 psi / 8.6 bar
CONNECTION	3/8" FNPT 1/2" MBSP
POWER SOURCE	1 x 9V battery
WEIGHT	31.2 g (1.1 oz)
CABLE LENGTH	1m (3.2 ft)

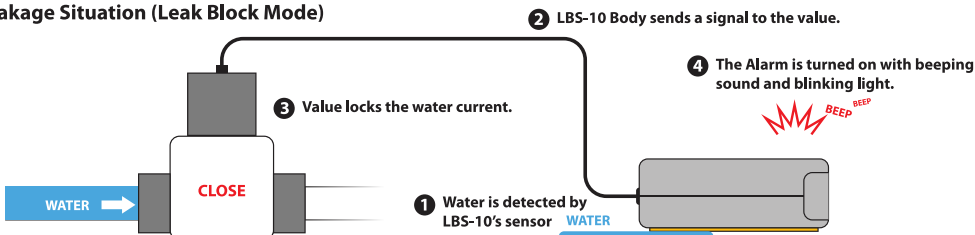
Installation Example



Normal Situation (Standby Mode)

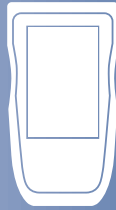


Leakage Situation (Leak Block Mode)



LBS-10 is designed to be used in various environments and fittings.

HM Digital's HydroMaster



HM-500

FEATURES

- Continuous pH/EC/TDS/Temp Monitor
- Rechargeable battery
- RF Resistant
- Portable/Wall Mount/Benchtop
- Data Storage: Up to 20 measurement readings
- Auto Shut-Off: After 5 minutes
- Alarm: Adjustable High & Low Set Point and on/off
- Display: LCD Touch-Type Screen with Auto Back lighting
- Probe: ABS with Platinum electrodes for EC / Single Junction pH Sensor
- Three Year Warranty

SP-C5, Cable length: 1.9m



SP-P5, Cable length: 2m

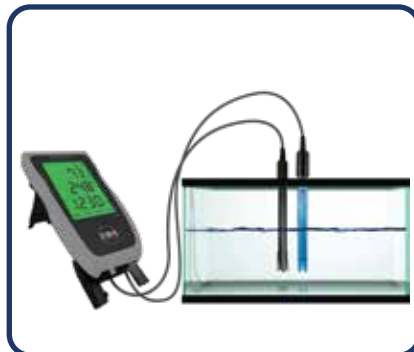
SPECIFICATION	HM -500
RANGE	pH: 0.0~14.0pH EC: 0~9999 μ S / 0~20mS TDS: 0~9999 ppm / 0~10 ppt Temp: 0.0~55°C / 32~130°F
ACCURACY	pH: \pm 0.1pH EC: \pm 2% TDS: \pm 2% Temp: \pm 1°C
RESOLUTION	pH: 0.1pH EC: 0.1 μ S (0~99.9 μ S) 1 μ S (100~999 μ S) 10 μ S (1000~9990 μ S) 0.01mS (0.01~20.00mS) TDS: 0.1ppm (0~99.9ppm) 1ppm (100~999ppm) 10ppm (1000~9990ppm) 0.01 ppt
CALIBRATION	Digital Calibration
POWER SOURCE	Rechargeable Li-ion Battery
DIMENSIONS	20 x 11 x 3.6 cm (8 x 4 x 1.4 in)
WEIGHT	430 g (15.2 oz) for body

HM-500 HydroMaster:
EC/TDS, pH, Temp Continuous Monitor

The HM-500 is the most versatile continuous monitor indicating EC/TDS, pH, and Temp providing accurate, stable readings the user can rely on. With its rechargeable battery this unit is portable or can be wall mounted. To make it even more user friendly, it comes equipped with touch screen, high and low alarm set points, and recorded readings. It is ideal for hydroponics and other applications such as lab, pools, aquariums etc.



HM-500 comes with a wall mount bracket.



Counter-top mode with included foldable stand.



Auto Backlit Screen, HM-500 will control screen brightness according to its environment.

HM Digital's HydroMaster

HM-200

FEATURES

- Measures Potential Hydrogen (pH), Electrical Conductivity (EC), Total Dissolved Solids (TDS), Salinity and Temperature
- Five scales: pH, μS , mS , ppm 0.5 (NaCl) Scale & 0.7 (442™) Scale
- Automatic Temperature Compensation (ATC) using three temperature coefficients
- Digital Calibration (push button) to any point within the meter's range
- Auto-off function, data-hold function and low-battery indicator
- Large and easy-to-read LCD Screen
- Displays 3 parameters (pH/EC or TDS/Temp) simultaneously.
- Replaceable Sensors (model SP-C2 for Conductivity, SP-P5 for pH)
- Factory Calibrated (pH/EC/TDS)
- Includes protective rubber boot, 2 (AA) alkaline batteries, pH 4 & 7 calibration solutions, pH storage solution



SP-P5, Cable length: 2m

SP-C2, Cable length: 1.9m

SPECIFICATION	HM -200
RANGE	pH: 0.0~14.0pH EC: 0~9999 μS / 0~20mS TDS: 0~9999 ppm Temp: 0.0~55°C / 32~130°F
ACCURACY	pH: $\pm 0.1\text{pH}$ EC: $\pm 2\%$ TDS: $\pm 2\%$ Temp: $\pm 1^\circ\text{C}$
RESOLUTION	pH: 0.1pH EC: 0.1 μS (0~99.9 μS) 1 μS (100~999 μS) 10 μS (1000~9990 μS) 0.01mS (0.01~20.00mS) TDS: 0.1 ppm (0~99.9ppm) 1 ppm (100~999ppm) 10 ppm (1000~9990ppm)
CALIBRATION	Digital Calibration
POWER SOURCE	2 x AA Batteries
DIMENSIONS	14 x 6.6 x 2.8 cm (5.5 x 2.6 x 1.1 in)
WEIGHT	198 g (7 oz) for body

HM-200 HydroMaster: Portable pH/EC/TDS/Temp Monitor

The HM-200 is a versatile portable pH/EC/TDS/Temp monitor ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.



Includes removable cover.
Easy to protect, clean and grip.

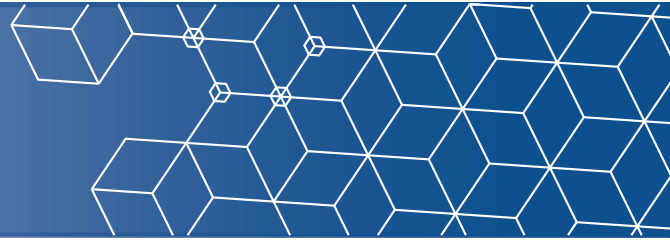


HM-200 is ergonomically designed.
Provides firm grip with great portability.



Equipped with a Backlit screen.
Suitable & reliable in various environment.

HM Digital's Refractometers



BLUETOOTH COMMUNICATION
(BTR ONLY)

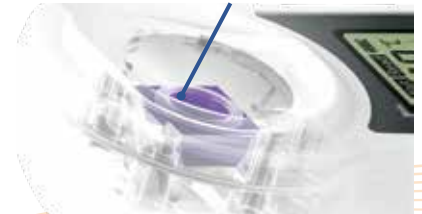


BLUETOOTH COMMUNICATION



PROTECTIVE / DETACHABLE SLEEVE

OPTICAL GLASS PRISM



ACCURATE OPTICAL TESTING



EASY TO READ LARGE SCREEN



BACKLIGHT FUNCTION



WATER RESISTANT HOUSING



READING UNDER 5 SECONDS

SPECIFICATION

UNIT / RANGE

SENSOR

ATC

RESOLUTION

ACCURACY

CALIBRATION

DIMENSIONS

HOUSING

POWER SOURCE

WEIGHT

BTR-1000 (Brix) / SCM-1000

Brix: 0.0~55.0%
Temp: 1-80°C / 33-176°F

Optical glass prism

Yes (10~60°C)

Brix 0.1% / Temp: 0.1(°C / °F)

Brix: ±0.2% / Temp: ±1.0°C

Digital (with distilled water)

58 x 36 x 122 mm
(2.3 x 1.4 x 4.8 in)

Water Resistance

1.5V x 2 (AAA Alkaline)

149 gram / 5.26 oz (Including Batteries/Cover)

BTR-1000 (Wine) / RWM-1000

Brix: 0.0~55.0% / KMW: 0.0~46.4° / Be: 0.0~29.8° / Babo: 0.0~46.4°
Oe: 3~256° / TAVP: 0.0~37.9% / Temp: 0~70°C (32~158°F)

Optical glass prism

Yes (10~60°C)

0.1 (1.0 for Oe) / Temp: 0.1(°C / °F)

Brix: ±0.2% / Temp: ±1.0°C

Digital (with distilled water)

58 x 36 x 122 mm
(2.3 x 1.4 x 4.8 in)

Water Resistance

1.5V x 2 (AAA Alkaline)

149 gram / 5.26 oz (Including Batteries/Cover)



HM Digital's Refractometers

REFRACTOMETERS

SCM-1000

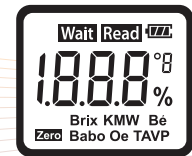


The SCM-1000 is smart digital refractometer available in diverse applications. Compact and rugged design to be portable.

RWM-1000



Six Available Scales



Brix
KMW
Be
Babo
Oe
TAVP

Smart refractometer which displays in six different units used in the wine taste/Brewery.

BLUETOOTH REFRACTOMETERS

BTR-1000 (Brix)



BTR-1000 (Salinity)



BTR-1000 (Beer)



BTR-1000 (Wine)



BTR-1000 (Salinity)

Salinity(%): 0.0~28.0%

Temp: 0-70°C / 32-158°F

Optical glass prism

Yes (10~60°C)

Salinity: 0.1% / Temp: 0.1(°C / °F)

Salinity: ±0.1% / Temp: ±1.0°C

Digital (with distilled water)

58 x 36 x 122 mm

(2.3 x 1.4 x 4.8 in)

Water Resistance

1.5V x 2 (AAA Alkaline)

149 gram / 5.26 oz (Including Batteries/Cover)

BTR-1000 (Beer)

Brix: 0.0~30.0% / Plato: 0.0~30.0°P

SG: 1.000~1.129 / Temp: 0.0-70.0°C / 32-158°F

Optical glass prism

Yes

Brix 0.1% / Plato 0.1% / SG: 0.001 / Temp: 0.1°C / °F

Brix ± 0.2% / Plato: ± 0.2% / SG: ± 0.002 / Temp: ± 1.0°C / °F

Digital (with distilled water)

58 x 36 x 122 mm

(2.3 x 1.4 x 4.8 in)

Water Resistance

1.5V x 2 (AAA Alkaline)

149 gram / 5.26 oz (Including Batteries/Cover)

HM Digital's Handhelds

Some companies call them pens (they don't write) and others call them testers, but essentially they are handheld instruments that offer the user a portable quick spot check device for any field application. HM Digital's handhelds are the most reliable easy-to-use meters on the market.



SPECIFICATION	ZT-2	TDS-EZ	TDS-3	EC-3
RANGE	0-999 ppm(mg/L)	0-9990 ppm(mg/L)	0-9990 ppm(mg/L)	0-9990 μ S(μ S/cm)
TEMP. RANGE	n/a	n/a	1-80°C / 33-176°F	1-80°C / 33-176°F
ATC	Yes	Yes	Yes	Yes
ACCURACY	\pm 3%	\pm 3%	\pm 2%	\pm 2%
RESOLUTION	1 ppm	1 ppm	1 ppm; 1 μ S	1 ppm; 1 μ S
CALIBRATION	Analog to any point	Analog to any point	Analog to any point	Analog to any point
POWER SOURCE	2 x 1.5V button cell	2 x 1.5V button cell	2 x 1.5V button cell	2 x 1.5V button cell
DIMENSIONS	14 x 2.3 x 1.5cm (5.5 x .9 x .75 in)	15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1 in)	15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1 in)	15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1 in)
WEIGHT	31.2 g (1.1 oz)	56.7 g (2 oz)	76.5 g (2.7 oz) (with case)	76.5 g (2.7 oz) (with case)

HM Digital's Handhelds



TDS-4	TDS-4TM	AP-1	AP-2	COM-80	PH-80
0-9990 ppm(mg/L)	0-9990 ppm(mg/L)	0-5000 ppm (mg/L)	0-9999 μ S (μ S/cm)	0-9999/9.9 μ S/mS; 0-5000/5.0 ppm/ppt	0.0 - 14.0 pH
1-80°C / 33-176°F	1-80°C / 33-176°F	1-80°C / 33-176°F	1-80°C / 33-176°F	1-80°C / 33-176°F	1-80°C / 33-176°F
Yes	Yes	Yes	Yes	Yes	Yes
± 2%	± 2%	± 2%	± 2%	± 2%	± 2%
1 ppm	1 ppm	1 ppm	1 μ S	1 μ S; 0.1 mS; 1 ppm; 0.1 ppt	0.1 pH; 0.1°C/F
Analog to any point	Analog to any point	Digital to any point	Digital to any point	Digital to any point	Auto-ranging to 4, 7 or 10 pH
2 x 1.5V button cell	2 x 1.5V button cell	1 x 3V button cell	1 x 3V button cell	3 x 1.5V button cell	3 x 1.5V button cell
14 x 2.3 x 1.5 cm (5.5 x .9 x .55 in)	14 x 2.3 x 1.5 cm (5.5 x .9 x .55 in)	15 x 2.8 x 1.3 cm (5.9 x 1.1 x .5 in)	15 x 2.8 x 1.3 cm (5.9 x 1.1 x .5 in)	15.3 x 3.2 x 1.8 cm (6 x 1.3 x .7 in)	15.3 x 3.2 x 1.8 cm (6.0 x 1.3 x 0.7 in)
34 g (1.2 oz)	34 g (1.2 oz)	42.5 g (1.5 oz)	42.5 g (1.5 oz)	53.9 g (1.9 oz)	53.9 g (1.9 oz)

Pro Series Handhelds



COM-300

The COM-300 is a professional grade pH/EC/TDS/Temp meter ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.



COM-100

The COM-100 is a professional grade EC/TDS/Temp meter ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.



SPECIFICATION	COM-300	COM-100	PH-200
RANGE	pH : 0.0-14.0 pH EC: 0 - 9990 μ S; 0 - 9.99 mS TDS : 0 - 8560 ppm (mg/L); 0.5 (NaCl) scale; 0.7 (442) scale, 0 - 5000 ppm (mg/L)	EC: 0 - 9990 μ S; 0 - 9.99 mS TDS : 0 - 8560 ppm (mg/L); 0.7 (442) scale, 0-5000 ppm (mg/L); 0.5 (NaCl) scale 0-8.56 ppt: 0.7 (442) scale, 0-500 ppt; (NaCl) scale	pH : 0.0-14.0 pH
TEMPERATURE	0.1 - 50°C; 32 - 122°F (0.1 °C / °F)	0.1 - 55°C; 32 - 130°F (0.1 °C / °F)	0.1 - 55°C; 32 - 130°F
ATC	Yes	Yes	Yes
ACCURACY	pH : ± 0.1 / EC/TDS : $\pm 2\%$ / Temp : ± 1 °C/°F	$\pm 2\%$	± 0.1 pH
RESOLUTION	pH: 0.1 pH EC: 0 - 999: 1 μ S; 1000 - 9990: 10 μ S 0-9.99 mS: 0.01 mS TDS : 0-9990 ppm(mg/L) 0-9990	EC: 0 - 99: 0.1 μ S; 0 - 999: 1 μ S; 1000 - 9990: 10 μ S 0 - 9.99 mS: 0.01 mS TDS : 0 - 99: 0.1 ppm ; 100 - 999: 1 ppm 1000 - 9990: 10 ppm ; 0 - 8.56: 0.01 ppt	pH : 0.01 pH
CALIBRATION	pH : Auto / EC & TDS : Digital to any point	Digital Calibration by push button	Auto-calibration
POWER SOURCE	2 x AAA batteries	2 x AAA batteries	2 x AAA batteries
DIMENSIONS	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)
WEIGHT	124 g (4.4 oz) (with batteries)	127 g (4.5 oz) (with batteries)	127 g (4.5 oz) (with batteries)

Pro Series Handhelds

WHY? bi-directional sensor

Scan to find out!



More details on
page 22!

PH-200

The PH-200 is a professional grade pH/Temp meter ideal for all pH testing water. With its advanced microprocessor it provides highly accurate dependable readings in such applications as hydroponics, purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment, wine, coffee, and agriculture.



ORP-200

The ORP-200 is a professional grade ORP meter ideal for all ORP testing, including anti-oxidant measurement, water purification applications, ionizers, agriculture, aquariums & aquaculture, chlorine monitoring, cooling tower disinfection, environmental testing, fruit & vegetable washing, hydroponics, metal finishing, ozone system monitoring, pharmaceutical & medical applications, pools & spas, pulp bleaching, vineyards & wineries and water treatment.

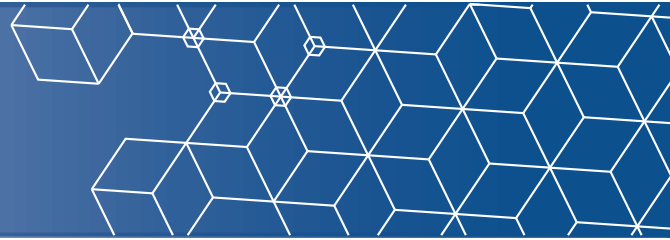
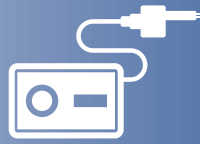


COM-360

The COM-360 is an industry first, bi-directional gyro powered pH/TDS/EC/Temp meter. With a pH probe on one end and a TDS/EC/Temp probe on the other, this measures a wide range of testing parameters. This is an excellent choice for a beginner or expert.

	ORP-200	COM-360
	ORP : -999 to +1000mV	pH : 0.0-14.0 pH EC: 0 - 9990 μ S; 0 - 9.99 mS TDS : 0 - 8560 ppm (mg/L); 0.5 (NaCl) scale; 0.7 (442) scale, 0 - 5000 ppm (mg/L)
°F (0.1 °C / °F)	1-80°C / 33-176°F (0.1 °C / °F)	0.1 - 50°C; 32 - 122°F (0.1 °C / °F)
	No	Yes
	\pm 2% (\pm 2 mV)	pH : \pm 0.1 / EC/TDS : \pm 2% / Temp : \pm 1 °C/°F
	ORP : 1 mV	pH: 0.1 pH EC: 0 - 999: 1 μ S; 1000 - 9990: 10 μ S 0-9.99 mS: 0.01 mS TDS : 0-9990 ppm(mg/L) 0-9990
	Auto Digital fine tuning	pH : Auto / EC & TDS : Digital to any point
	2 x AAA batteries	2 x AAA batteries
	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)	20 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)
batteries)	127 g (4.5 oz) (with batteries)	124 g (4.4 oz) (with batteries)

HM Digital's Monitors



QC-1 Quick Check 1

- With the push of a button, the unit displays a green or red light, indicating good water quality or that service is required, respectively
- Tests for TDS or conductivity levels
- Eight programmable set points (by dip switch)
- Bright LED lights
- Installs quickly and easily
- Simple to use



Monitors provide people monitoring the purification process of their water an easy way to either get a quick display of water quality or to test actual water purity of feed water (input water) and product water (output water). Some of HM Digital's products offer you up to 3 test points of the purification. The different applications where monitoring is important include drinking water filtration using Reverse Osmosis (RO) or Deionized water (DI), purification of water before adding nutrients to a hydroponics solution or even for the Aquarium enthusiast.

SM-1 Single TDS Monitor

- Displays the TDS level of a single water line
- Works with the push of a button
- Auto-off function conserves battery power; unit shut off automatically after 10 minutes of non-use
- Comes equipped with 1/4" T-fitting (also available with 3/8" or 1/2")



DM-1 Dual TDS Monitor

- Displays TDS levels of the feed water and product water with in & out sensors
- A crucial device for any water filter system
- Great instant check for system performance
- Comes equipped with 1/4" T-fitting (also available with 3/8" or 1/2")
- Installs in minutes



DM-2 Dual TDS Monitor

- ALL OF THE BENEFITS OF THE DM-1, PLUS:
- A large, easy-to-read LCD display
- Splashproof housing
- Shielded, water-resistant cables
- Sliding bracket with variable mounting options
- Newly updated Backlit
- Longer sensor cables
- Digital calibration
- Optional 12VAC power adapter



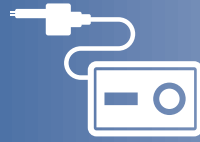
TRM-1 Triple TDS Monitor

- Three-line TDS monitor
- Ideal for multi-system applications, such as RO/DI
- Displays TDS levels at three points, with three sensors
- Comes equipped with 1/4" T-fittings (also available with 3/8" or 1/2")
- Installs in minutes



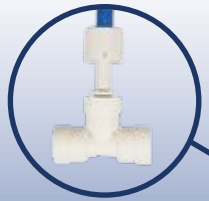
SPECIFICATION	PM-1 PM-2	QC-1	SM-1	DM-1	DM-2 / DM-2 EC
RANGE	TDS: 0-200 ppm	TDS: 0-5000 ppm EC: 0-9999 µS	TDS: 0-9990 ppm	TDS: 0-9990 ppm	TDS: 0-9990 ppm EC: 0-9999 µS
ACCURACY	± 2%	± 3%	± 2%	± 2%	± 2%
RESOLUTION	n/a	n/a	0-999: 1 ppm; 1000-9990: 10 ppm	0-999: 1 ppm; 1000-9990: 10 ppm	0-999: 1 ppm; 1000-9990: 10 ppm
ATC	Yes (1 - 65°C / 33 - 149°F)	n/a	Yes (1 - 65°C / 33 - 149°F)	Yes (1 - 65°C / 33 - 149°F)	Yes (1 - 65°C / 33 - 149°F)
CALIBRATION	Factory calibrated only	Factory calibrated only	Analog to any point	Analog to any point	Digital to any point
SET POINT	Set by dip switch	Eight options (max 50 ppm / 100 µS)	n/a	n/a	n/a
ALARM	Lights and audible alarm	Red/green light (no audible alarm)	n/a	n/a	n/a
SENSOR	1/4" quick connect	1/4" quick connect	1/4" quick connect	2 x 1/4" with quick connect	2 x 1/4" quick connect
SENSOR CABLE LENGTH	62.86 cm (24.75 in) shielded cable	62.2 cm (24.5 in) shielded cable	62.2 cm (24.5 in)	62.2 cm (24.5 in)	116.8 cm (46 in) shielded
POWER SOURCE	AC 110V / 220V	4 x 1.5V button cell (LR44)	2 x 1.5V button cell (LR44)	2 x 1.5V button cell (LR44)	2 x AA batteries
BATTERY LIFE	n/a	Approx. 1 year	Approx. 1,000 hours of usage	Approx. 1,000 hours of usage	Approx. 750 hours of usage
DIMENSIONS	9.1 x 7.1 x 4 cm (3.6 x 2.8 x 1.6 in)	7.6 x 2 x 4.7 cm (3 x .8 x 1.9 in)	7.6 x 2 x 4.7 cm (3 x .8 x 1.9 in)	7.6 x 2 x 4.7 cm (3 x .8 x 1.9 in)	11.6 x 6.8 x 1.8 cm (4.6 x 2.7 x .7 in)
WEIGHT	275 g (9.7 oz)	39.7 g (1.4 oz)	79.4 g (2.8 oz)	79.4 g (2.8 oz)	201.3 g (7.1 oz)

HM Digital's Monitors



Sensors

(More details on page 17)



T-fitting Applicable



for
QC-I / SM-I
DM-I / DM-2

for
LSM-100
LDM-100R

PM-1 / PM-2

- PM-1: OEM single line internal TDS monitor.
- PM-2: External single line TDS monitor.
- Includes a light and optional alarm that alerts the user service is required when the TDS level reaches the set-point
- User-defined set points
- Red or yellow warning lights
- Audible alarm (steady beep)



LSM-100 Large Display Monitor

- Commercial TDS/EC monitor with large easy to read display
- 1/2" sensor probe makes it ideal for large scale systems
- Reads ppm, ppt, μ S and mS
- Extended battery life for continuous monitoring
- Includes sensor probe and batteries



LDM-100R Rejection Dual Monitor

- Monitor the efficiency of your commercial RO system
- Dual line TDS/EC displays feed and product water
- Automatically calculates the % rejection
- Extended battery life for continuous monitoring
- Includes two sensor probes and batteries



FM-2 Filter Monitor

- 5-stage filter monitor with 5 independent timers and volumizers
- LED faucet indicator disc
- Measures time and volume for up to 5 stages
- Auto-off function conserves batteries
- Timer counts down in months or days (programmable)
- Volumizer counts up in liters or gallons (programmable)
- Modern design is perfect for any kitchen



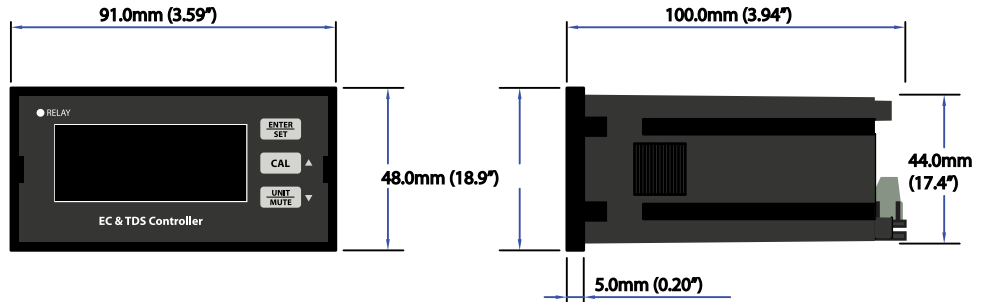
FLM-3 Flow Meter

- Monitors flow rates in LPM or GPM
- Tracks total liters or gallons used
- Programmable alarm indicates overage
- Large, easy-to-read LCD display
- Unique design is perfect for under-the-sink or countertop systems

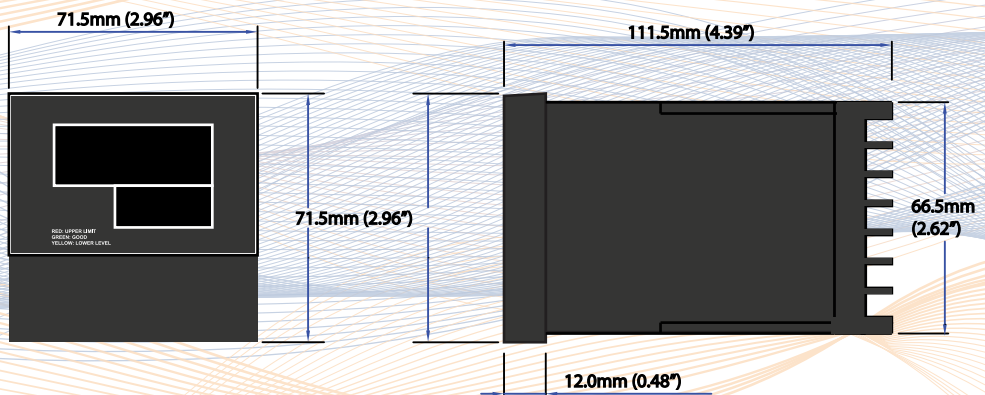


	TRM-1	LSM-100	LDM-100R	FM-2	FLM-3
	TDS: 0-9990 ppm	TDS: 0-9999 ppm (mg/L); 0-10.0 ppt (g/L) EC: 0-9999 μ S; 0-20.00 mS	TDS: 0-9999 ppm (mg/L); 0-10.0 ppt (g/L) EC: 0-9999 μ S; 0-20.00 mS	0.8-8.0 LPM/0.2-2.1 GPM	0.8-8.0 LPM/0.2-2.1 GPM; 0-99999 g/l
	$\pm 2\%$	$\pm 2\%$	$\pm 2\%$	$\pm 1\%$	$\pm 10\%$
0-10000 ppm	0-999: 1 ppm; 1000-9990: 10 ppm	0-999: 1 ppm; 1000-9990: 10 ppm	0-999: 1 ppm; 1000-9990: 10 ppm	1 day/month; 1 gallon/liter	0.1 LPM/GPM; 1 g/l
Temp	Yes (1 - 65°C / 33 - 149°F)	Yes (1 - 65°C / 33 - 149°F)	Yes (1 - 65°C / 33 - 149°F)	n/a	n/a
Output	Analog to any point	Digital to any point	Digital to any point	n/a	n/a
Display	n/a	n/a	n/a	Fully programmable	Fully programmable
Alarm	n/a	n/a	n/a	Beep	Beep
Connection	3 x 1/4" quick connect	1/2" NPT threaded	1/2" NPT threaded	1/4" quick connect	1/4" quick connect
Cable	62.2 cm (24.5 in)	3 m (9.8 ft) cable	3 m (9.8 ft) cable	93 cm (36.6 in)	n/a
Battery	2 x 1.5V button cell (LR44)	2 x 1.5V AA batteries	2 x 1.5V AA batteries	2 x 1.5V AA batteries	2 x 1.5V AA batteries
Life	Approx. 1000 hours of usage	Approx. 2 years	Approx. 2 years	Approx. 18 months	Approx. 18 months
Dimensions	7.6 x 2 x 4.7 cm (3 x 0.8 x 1.9 in)	12 x 7.5 x 2.6 cm (4.7 x 3 x 1 in)	12 x 7.5 x 2.6 cm (4.7 x 3 x 1 in)	10 x 6.3 x 2.3 cm (4 x 2.5 x 0.9 in)	6.6 x 9.0 x 6.3 cm (2.6 x 3.5 x 2.5 in)
Weight	88 g (9 oz)	198 g (7 oz)	198 g (7 oz)	119 g (4.2 oz)	207 g (7.3 oz)

HM Digital's Controllers



EC/TDS testing for the commercial or industrial water treatment professional. This "mini" controller has an adjustable relay able to control a pump or valve.



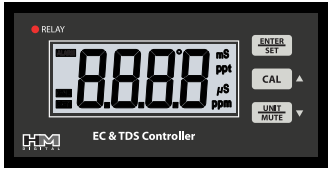
Size reference only for : CIC-150-N / CIC-150-4 / CIC-152-N / CIC-152-4 / PPH-1000

Continuous and simultaneous monitoring and control for high output commercial systems.

SPECIFICATION	PSC-50 / PSC-54	PSC-60D / PSC-64D	PSC-150	PSC-154
RANGE	0-9999 ppm (mg/L); 0-10.0 ppt (g/L) 0-9999 µS; 0-20.00 mS	0-9999 ppm (mg/L); 0-10.0 ppt (g/L) 0-9999 µS; 0-20.00 mS	0-5000 ppm (mg/L); 0-9999 µS	0-5000 ppm (mg/L); 0-9999 µS
ACCURACY	± 2%	± 2%	± 2%	± 2%
RESOLUTION	0-99.9 : 0.1 ppm/µS; 100-9999 : 1ppm / µS 0.1ppt / mS	0-99.9: 0.1 ppm / µS; 100-9999: 1 ppm / µS 0.1ppt / mS	0-999: 0.1 ppm/ µS; 1000-9999: 1 ppm / µS;	0-999: 0.1 ppm/ µS; 1000-9999: 1 ppm/ µS;
ATC	Yes (1 - 65°C / 33 - 149°F)	Yes (1 - 65°C / 33 - 149°F)	Yes (1 - 65°C / 33 - 149°F)	Yes (1 - 65°C / 33 - 149°F)
CALIBRATION	Digital to any point	Digital to any point	Digital to any point	Digital to any point
SET POINT	On-screen buttons	On-screen buttons	On-screen buttons	On-screen buttons
RELAY CONTROLS	Simple switch, user-defined set point	n/a	Simple Switch, user-defined set point	Simple Switch, user-defined set point
ALARM	Optional setting	Optional setting	Optional setting	Optional setting
DISPLAY	2.3" LCD display w/ backlight	2.3" LCD display w/ backlight	Bright, tri-color 5/8" L.E.D. display	Bright, tri-color 5/8" L.E.D. display
PROBES	1/2" NPTF; 3 m (9.8 ft) cable	1/2" NPTF; 3 m (9.8 ft) cable	1/2" NPTF; 3 m (9.8 ft) cable	1/2" NPTF; 3 m (9.8 ft) cable
POWER SOURCE	AC 110V / 220V	AC 110V / 220V	AC 110V / 220V	AC 110V / 220V
DIMENSIONS	9.6 x 4.8 x 10 cm (3.8 x 1.9 x 3.9 in)	9.6 x 4.8 x 10 cm (3.8 x 1.9 x 3.9 in)	7.2 x 7.2 x 11.1 cm (2.8 x 2.8 x 4.4 in)	7.2 x 7.2 x 11.1 cm (2.8 x 2.8 x 4.4 in)
WEIGHT	261 g (9.2 oz)	261 g (9.2 oz)	230 g (8.1 oz)	241 g (8.5 oz)

Dosing Control Dual Display

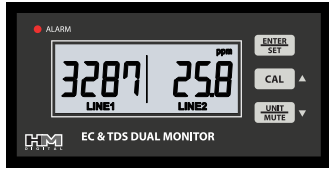
PSC-50 / PSC-54



ONE TDS/EC LINE, MINI CONTROLLER, SINGLE SCREEN

- Extended range for TDS and EC
- 4-20mA output signal (PSC-54 only)
- Temperature display mode
- Digital calibration
- Fully adjustable relay control is set by the user to automatically stop a pump or valve if the level rises above the setting
- Stainless steel electrode
- Includes all parts at no extra cost

PSC-60D / PSC-64D



TWO TDS/EC LINES, DUAL DISPLAY

- Continuously monitors two lines simultaneously
- Dual line TDS/EC displays feed and product water
- Extended range for TDS and EC
- 4-20 mA output signal (PSC-64D Only)
- Digital calibration
- Stainless steel electrodes (2 sensors)
- Includes all parts at no extra cost

PSC-150



ONE TDS/EC LINE, SINGLE SCREEN

- Extended range for TDS and EC
- On-screen temperature display
- Digital calibration
- The fully adjustable relay control is set by the user to automatically stop a pump or valve if the TDS level rises above the setting
- Stainless steel electrode
- Includes all parts at no extra cost

PSC-154



ONE TDS/EC LINES, SINGLE SCREEN

- Extended range for TDS and EC
- 4-20mA output signal
- On-screen temperature display
- Digital calibration
- The fully adjustable relay control is set by the user to automatically stop a pump or valve if the TDS level rises above the setting
- Stainless steel electrode
- Includes all parts at no extra cost

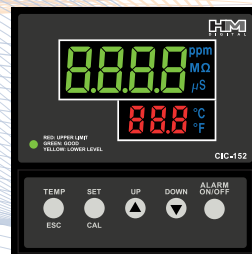
CIC-150-N / CIC-150-4



ONE TDS/EC LINE, SINGLE SCREEN SINGLE DOSING CONTROL

- Extended range for TDS and EC
- Two alarms (upper and lower)
- On-screen temperature display
- NaCl or 442 conversion factor
- Upper limit and lower limit set points to control a pump or solenoid valve
- Stainless steel electrode
- Includes all parts at no extra cost

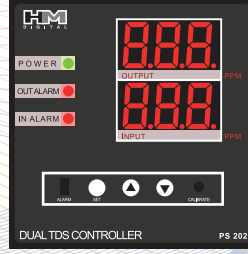
CIC-152-N / CIC-152-4



ONE TDS/EC LINE, SINGLE SCREEN DUAL DOSING CONTROL

- Extended range for TDS and EC
- Two set points to control a range
- Two alarms (max. and min)
- On-screen temperature display
- NaCl or 442 conversion factor
- Upper and lower limit set points to control two devices, such as a pump and solenoid valve
- Stainless steel electrode
- Includes all parts at no extra cost

PS-202



TWO TDS LINES, DUALSCREEN

- Ideal for commercial RO systems
- Monitors and controls two lines simultaneously
- The fully adjustable relay control is set by the user to automatically stop a pump or valve if the TDS level rises above the setting
- Stainless steel electrode (2 sensors)
- Includes all parts at no extra cost

PPH-1000



ONE pH LINE, SINGLE SCREEN

- Ideal for controlling pH in commercial applications
- 4-20mA output signal
- Digital calibration
- On-screen temperature display
- Fully adjustable relay control with 2 set points (High and Low) maintain desired range
- Includes 3/4" sensor probe

CIC-150-N / CIC-150-4

TDS: 0-5000 ppm (mg/L) NaCl; 0-8500 ppm (mg/L) 442; 0-9999 μ S

\pm 2% full scale

0-999: 0.1 ppm/ μ S;
1000-8500: 1 ppm/ μ S

Yes (1 - 65°C / 33 - 149°F)

Digital to any point

On-screen buttons

Two (upper and lower limit)

Two dependent alarms (max. and min)

Bright, tri-color 5/8" L.E.D. display

1/2" threaded NPTF; 3 m (9.8 ft) cable

AC 110V / 220V

7.2 x 7.2 x 10.2 cm (2.8 x 2.8 x 4.0 in)

436 g (15.4 oz)

CIC-154-N / CIC-152-4

0-5000 ppm (mg/L) NaCl; 0-8500 ppm (mg/L) 442; 0-9999 μ S

\pm 2% full scale

0-999: 0.1 ppm/ μ S;
1000-8500: 1 ppm/ μ S

Yes (1 - 65°C / 33 - 149°F)

Digital to any point

On-screen buttons

Two (upper and lower limit)

Two independent alarms (max. and min)

Bright, tri-color 5/8" L.E.D. display

1/2" threaded NPTF; 3 m (9.8 ft) cable

AC 110V / 220V

7.1 x 7.1 x 11.1 cm (2.8 x 2.8 x 4.4 in)

241 g (8.5 oz)

PS-202

0-999 ppm (mg/L)

\pm 2%

1 ppm

Yes (1 - 65°C / 33 - 149°F)

Analog to any point

On-screen buttons

Simple Switch, user-defined set point

Optional setting

Bright 5/8" L.E.D. display

2 x 1/2" NPTF; 3 m (9.8 ft) cable

AC 110V / 220V

9.4 x 9.4 x 12.5 cm (3.7 x 3.7 x 4.5 in)

569 g (1 lb 4.1 oz)

PPH-1000

0.01 - 14.00 pH

\pm 0.5% FS.

0.01 pH / 0.1°C (0.1°F)

Yes (1 - 60°C / 33 - 140°F)

Digital to any point

On-screen buttons

Two (upper and lower limit)

Optional setting

Bright 5/8" L.E.D. display

3/4" Electrode, 3 m (9.8 ft) cable

AC 110V / 220V

7.2 x 7.2 x 11.1 cm (2.8 x 2.8 x 4.4 in)

235 g (8.3lbs)

HM Digital's Salt Meters

SB-2000PRO

The product that made HMDigital a household name. SB-2000PRO offers accurate measurement with all new simple ergonomic design.

New features including, vibrating alarm when a measurement is completed and Auto Turn-On / Turn-Off.



SB-2000PRO's compact sensor. Easy to use and wash. Durable for many uses.



With O-Rings, SB-2000PRO is designed to be water resistant. SB-2000PRO is powered by two AAA batteries



SB-1500PRO designed to be robust and durable. Water resistant & powered by two AAA batteries



Removable/ Replaceable sensor.



Spoon-shaped sensor. Great for various environment.



SPECIFICATION

	SB-2000PRO	SB-1500PRO
RANGE	0.01~10.0%	0.01%~10.0% (0~100,000ppm with NaCl)
TEMP. RANGE	1 - 99°C / 33 - 210°F (ATC Range)	1 - 99°C / 33 - 210°F (ATC Range)
ATC	Yes	Yes
ACCURACY	± 0.1- 0.5%	Temp: ± 1°C / 33°F ± 0.1% up to 2%; ± 0.2% up to 3%; ± 0.3% up to 4%, etc.
RESOLUTION	0.1%	0.1°C/°F / 0.01% (0.01% - 3.0%), 0.1% (3.0% - 10.0%)
ELECTRODE	Platinum Sensor	Platinum Sensor
CALIBRATION	Factory calibrated	Factory calibrated
POWER SOURCE	2 x AAA batteries	2 x AAA batteries
DIMENSIONS	17.1 X 2.5 X 2.45 cm (7 x 1 x 1 in)	21.4 X 3.4 X 3.4 cm (8 x 1 x 1 in)
WEIGHT	66 g / 2.3 oz (with batteries)	81 g / 2.9 oz (with batteries),



Buffer & Solutions Accessories

SB-1500PRO

SB-1500PRO boasts two decimal places resolution which is capable of measuring salinity from 0.01%.

SB-1500PRO is water-resistant, perfectly suitable for use in laboratory, food processing factory, large canteen, restaurant and family home.



SAL-1700

The SAL-1700 was designed especially for the aquarium or reef keeper.

Specific Gravity, PPT, PSU, and Temperature are all measured with this one handy instrument.

Equipped with backlit screen.

PH-P7



- 20 pack of PH-7 or PH-4
- 20 ml packets

PH-P7
Water (CAS 7732-18-5)
Potassium dihydrogen phosphate (CAS 7778-77-0)
Disodium hydrogen phosphate (CAS 7558-79-4)

PH-P4
Water (CAS 7732-18-5)
Potassium hydrogen phthalate (CAS 877-24-7)

PH-P4



- 20 pack of PH-7 or PH-4
- 20 ml packets

PH-P7
Water (CAS 7732-18-5)
Potassium dihydrogen phosphate (CAS 7778-77-0)
Disodium hydrogen phosphate (CAS 7558-79-4)

PH-P4
Water (CAS 7732-18-5)
Potassium hydrogen phthalate (CAS 877-24-7)

PH-PSTOR



- 20 pack of PH-STOR
- 20 ml packets

3.3mol/L Potassium chloride (KCl) solution (7447-40-7) and deionized water = 99.99998%;
Hyamine 3500 = 0.00002% (bactericide)

ASP-20



- 20 pack of Assorted solutions
- 20 ml packets
- 5 PH-STOR
- 5 PH-P4
- 5 PH-P7
- 5 C-1000

CP-1000



- 20 pack of C-1000
- 20 ml packets

NaCl @ 25°C / 77°F

1000 as 0.5 scale (NaCl)
1450 as 0.7 scale (442)
2000 as μS

0.5 scale Conversion = NaCl
0.7 scale Conversion = 442

PH-STOR



- Contains fungicide
- Keeps probe healthy and moist

3.3mol/L Potassium chloride (KCl) solution (7447-40-7) and deionized water = 99.99998%;
Hyamine 3500 = 0.00002% (bactericide)

SAL-1700

PSU: 0.0 ~ 55.0 / S.G: 1.000 ~ 1.040 / ppt: 0.0 ~ 100.0

-5.0 ~ 105°C / 23.0 ~ 221°F

Yes

Temp: $\pm 0.5^\circ\text{C}$ / $\pm 1.0^\circ\text{F}$

PSU: ± 2.0 / S.G: ± 0.002 / ppt: ± 2.0 (0.0 ~ 55.1), ± 5.0 (55.1 ~ 100.0)

0.1°C/F / PSU: 0.1 / S.G: 0.001 / ppt: 0.1

Platinum Sensor

Factory calibrated

2 x AAA batteries

21.4 X 3.4 X 3.4 cm

(8 x 1 x 1 in)

81 g / 2.9 oz (with batteries),

ORP-STOR



- Contains fungicide
- Keeps probe healthy and moist

1.1mol/L Potassium chloride (KCl) solution (7447-40-7) and deionized water = 99.99998%;
Hyamine 3500 = 0.00002% (bactericide)

C-342 / C-1000



- NaCl calibration solution
- Available in 342 ppm or 1000 ppm
- Comes in lightweight HDPE plastic bottles 3oz (88.7 ml)
- Sealed with a coated foam liner

Solution Equivalents

342 NaCl =
362 as KCl; 478 as "442"; 700 μS
1000 NaCl =
1060 as KCl; 1450 as "442"; 2000 μS liner

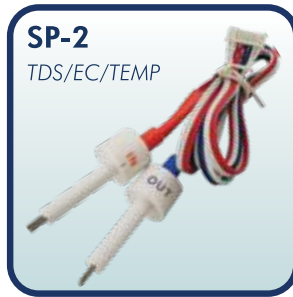
HM Digital's Sensors



SP-1
TDS/EC/TEMP

SP-1 **TDS/EC Sensor Probe for the Panel Mounted Controllers**

- For use with the PS-100, PC-100, PS-200, and PS-202
- High quality, durable plastic construction
- Stainless Steel sensors
- High quality construction
- Probe: 1/2" threaded bushing (NPT) (detachable from cable)
- Cable: 3 meter (9.8 ft) shielded cable
- Connector: 4-pin BNC
- Thermometer Pin: Yes
- Pressure tested



SP-2
TDS/EC/TEMP

SP-2 **Dual TDS Sensor Probes for the DM-1**

- Stainless steel sensors
- Probe: 1/4"
- Cable: 24.5"
- Connector: 8-pin
- Thermometer: Yes
- Each sensor of the pair has a blue or red wrap and labeled "IN" or "OUT"
- Pressure testing



SP-4
TDS/EC/TEMP

SP-4 **Dual TDS Sensor Probes (single 4-pin connector)**

- Stainless steel sensors
- Probe: 1/4"
- Cable: 24.5"
- Connector: Single 4-pin (each sensor has only two wires)
- Thermometer: No
- Pressure testing



SP-1-PSC
TDS/EC/TEMP

SP-1-PSC **TDS/EC Sensor Probe for the Panel Mounted Controllers**

- For use with the PSC-150, PSC-154 and CIC-152
- High quality, durable plastic construction
- Stainless Steel sensors
- High quality construction
- Probe: 1/2" threaded bushing (NPT) (detachable from cable)
- Cable: 3 meter (9.8 ft) shielded cable
- Connector: 4-pin BNC
- Thermometer Pin: Yes
- Pressure testing



SP-3
TDS/EC/TEMP

SP-3 **Dual TDS Sensor Probes for the DM-2**

- Stainless steel sensors
- Probe: 1/4"
- Cable: 45" shielded
- Connector: Dual 4-pin
- Thermometer: Yes
- Each sensor of the pair has a blue or red wrap and labeled "IN" or "OUT"
- Pressure testing



SP-5
TDS/EC/TEMP

SP-5 **Simple TDS Sensor Probes (4-pin connector)**

- Stainless steel sensors
- Probe: 1/4"
- Cable: 45" shielded
- Connector: Single 4-pin
- Thermometer: Yes
- Pressure testing



HM Digital's Sensors



SP-C1
TDS/EC/TEMP

SP-C1
COM-100 Replacement Probe

- Replacement TDS/EC/TEMP probe
- Probe: ABS material
- Platinum plated sensor pins
- Thermometer: Yes



SP-O2
ORP/TEMP

SP-O2
ORP-200 Replacement Probe

- Replacement ORP/TEMP probe
- Probe: ABS material
- Thermometer: Yes
- Cap with sponge is included for storage solution



SP-C4
TDS/EC/TEMP

SP-C4
COM-360 Replacement Probe

- Replacement TDS/EC/TEMP probe (ONLY FOR COM-360)
- Probe: White ABS material
- Platinum plated sensor pins
- Thermometer: Yes



SP-C5
TDS/EC/TEMP

SP-C5
HM-500 Replacement Probe

- Replacement TDS/EC/TEMP probe (ONLY FOR HM-500)
- Probe: Heat resistant ABS material
- Stainless steel sensor pins
- ATC: 0~60°C (32~140°F)
- Thermometer: Yes
- Cable: 78.7" (2m)



SP-P2
pH/TEMP

SP-P2
PH-200 / COM-360 Replacement Probe

- Replacement pH/TEMP probe
- Probe: ABS material
- Glass pH sensor with reference tube
- Thermometer: Yes
- Cap with sponge is included for storage solution



SP-C3
pH/TDS/EC/TEMP

SP-C3
COM-300 Replacement Probe

- Replacement pH/TDS/EC/TEMP probe
- Probe: ABS material
- Stainless steel sensor pins
- Thermometer: Yes
- Glass pH sensor with reference tube
- Cap with sponge is included for storage solution



SP-C2
TDS/EC/TEMP

SP-C2
HM-200 Replacement Probe

- Replacement TDS/EC/TEMP probe (ONLY FOR HM-200)
- Probe: Heat resistant ABS material
- Stainless steel sensor pins
- ATC: 0~60°C (32~140°F)
- Thermometer: Yes
- Cable: 78.7" (2m)



SP-P5
pH

SP-P5
HM-500 / HM-200 Replacement Probe

- Replacement pH probe
- Range: 0.0~14.0 pH
- Glass pH probe with single junction Ag/AgCl, Sat, KCl gel reference tube
- Cap is included for storage solution
- Cable: 78.7" (2m)

HM Digital's PRO KIT

NEW!

HYDROPONICS PRO KIT



INCLUDES

- 1x PH-200 Meter
- 1x COM-100 Meter
- 3x PH-4 Buffer
- 3x PH-7 Buffer
- 3x CP-1000 Solution
- 3x PH-STOR Solution
- 2x Lanyard
- 3x Solution Cup



The HPK-1 is the hydro growers all in one solution. This kit combines the accurate COM-100 TDS (PPM)/EC/Temp meter and the reliable PH-200 pH/Temp meters together into one package. It also includes a zip closure protective case and a generous amount of calibration and storage solutions. This is the best value on the market for anyone looking to test as the Pro's do.

NEW!

HM-200 PRO KIT



INCLUDES

- 1x HM-200 Meter
- 1x SP-C2 TDS/EC Probe
- 1x SP-P5 pH Probe
- 3x PH-4 Buffer
- 3x PH-7 Buffer
- 3x CP-1000 Solution
- 3x PH-STOR Solution
- 3x Solution Cup



This HM-200 comes with a portable and durable zipper bag which is also water resistant. The bag allows easy and safe measuring environment with enough space to store necessary accessories.

HMDigital's COM-360

DUAL-SIDE METER COM-360

EC/TDS / TEMP PROBE

REMOVEABLE
WATER RESISTANT
LOCKING RING

PH / TEMP PROBE

DIGITAL GYROSCOPE
(automatic screen rotation)



Two sensors provide the most accurate measurements and prevent contamination between testing solutions.



Equipped with a digital gyroscope. This allows users to use both TDS/EC and PH mode seamlessly without a hassle.

PH
0 - 14 pH

EC
µS & mS

TDS
.5 & .7 Scale

°C / °F



Water
Quality
ASSOCIATION

ISO 9001
certified company

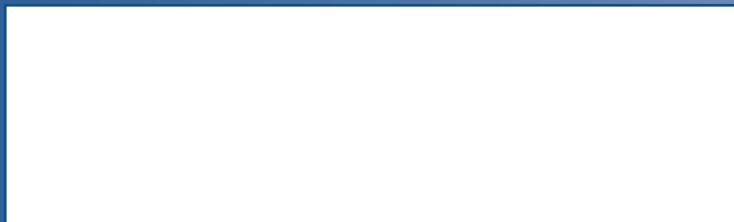
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PERFECT WATER™



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