

HM DIGITAL

Controllers

HM Digital Controllers accurately and effectively monitor and control TDS levels for high output commercial systems. Featuring a large, bright L.E.D display, HM Digital Controllers are simple to install and includes a sensor probe at no additional cost. These controllers have an alarm that will alert operators if TDS levels rise above the user-set levels.

HM Digital PS-100: Panel Mount TDS Controller

Features

- Monitors and controls TDS levels for high output commercial systems
- An alarm will sound if the TDS level rises above the user-set level
- Includes one sensor probe (at no extra cost)
- Installs quickly and easily
- Large, bright L.E.D. display
- Automatic Temperature Compensation (ATC)



HM Digital
PS-100 Controller

Specifications – HM Digital PS-100 Controller

Range (mg/L)	0 - 999 ppm	Accuracy	+/- 2%
Resolution	1 ppm	Conversion Factor	NaCl (avg. 0.5)
ATC (°F / °C)	Yes (33.8 - 149 / 1 - 65)	Power Supply	AC 110V / AC 220V
Calibratoin	Adjustable (manual)	Setting	Controlled by onscreen up/down buttons
Relay Control	The unit will open or close a circuit via dry contacts when the ppm level reaches or exceeds the control setting (simple switch). It can be used to control a pump, solenoid valve or other device	Relay Voltage	5V
Alarm	Optional steady beep (set by user)	Display	Bright 5/8" L.E.D. display
2 Probes	1/2" bushing (NPT), 3 meter (9.8 ft) shielded cable	Monitor Weight (g / oz)	476 / 16.8
Dimensions	2.8 x 2.8 x 4 / 7.2 x 7.2 x 10.2	Total Weight (g / oz)	680.4 / 24

HM Digital PS-200: Dual TDS Controller

Features

- Monitors and controls TDS levels of two water lines (e.g., feed water and product water) for high output commercial systems
- An alarm will sound if the TDS level rises above the user-set level for the output water
- The PS-200 is a monitor for Line 1 (in-line) and a controller for Line 2 (out-line)
- Installs quickly and easily
- Large, bright L.E.D. display
- Includes two sensor probes (at no extra cost)
- Automatic Temperature Compensation (ATC)



HM Digital
PS-200 Controller

Engineered Water Treatment Solutions

HM DIGITAL Controllers

Specifications – HM Digital PS-200 Controller

Range (mg/L)	0 - 999 ppm	Accuracy	+/- 2%
Resolution	1 ppm	Conversion Factor	NaCl (avg. 0.5)
ATC (°F / °C)	Yes (33.8 - 149 / 1 - 65)	Power Supply	AC 110V / AC 220V
Calibration	Adjustable (manual)	Setting	Controlled by on-screen up/down buttons
Relay Control	The unit will open or close a circuit via dry contacts when the ppm level reaches or exceeds the control setting (simple switch). It can be used to control a pump, solenoid valve or other device	Relay Voltage	5V
Alarm	Optional steady beep (set by user)	Display	Bright 5/8" L.E.D. display
2 Probes	1/2" bushing (NPT), 3 meter (9.8 ft) shielded cable	Monitor Weight (g / oz)	476 / 16.8
Dimensions	2.8 x 2.8 x 4 / 7.2 x 7.2 x 10.2	Total Weight (g / oz)	680.4 / 24

HM Digital PS-202: Dual Display TDS Controller

Features

- Simultaneously monitors and controls the TDS levels of two water lines (e.g., the feed water and product water) for high output commercial systems.
- Includes two 1/2" sensor probes (at no extra cost)
- Installs easily in minutes
- An alarm will sound if the TDS level rises above the user-set level for both lines
- Large, bright L.E.D. display
- Automatic Temperature Compensation (ATC)



**HM Digital
PS-202 Controller**

Specifications – HM Digital PS-202 Controller

Range (mg/L)	0 - 999 ppm	Accuracy	+/- 2%
Resolution	1 ppm	Conversion Factor	NaCl (avg. 0.5)
ATC (°F / °C)	Yes (33.8 - 149 / 1 - 65)	Power Supply	AC 110V / AC 220V
Calibration	Adjustable	Setting	Controlled by on-screen up/down buttons
Relay Control	The unit will open or close a circuit via dry contacts when the ppm level of the output water (line 2) or input water (line 1) reaches or exceeds its control setting (simple switch). The PS-202 can be used to control one or two pumps, solenoid valves or other device.	Relay Voltage	5V
Alarm	Steady beep for both lines	Display	Bright 5/8" L.E.D. dual displays
2 Probes	1/2" bushing (NPT), 3 meter (9.8 ft) shielded cable	Monitor Weight (g / oz)	469.8 / 16.57
Dimensions	3.7 x 3.7 x 4.9 / 9.4 x 9.4 x 12.5	Total Weight (g / oz)	938.4 / 33.10

HM Digital PSC-150: Extended Range EC/TDS/Controller

Features

- Monitors and controls TDS levels for high output commercial systems.
- Includes one sensor probe (at no extra cost)
- Installs easily in minutes
- An alarm will sound if the TDS level rises above the user-set level
- Large, bright L.E.D. display
- On-screen temperature display (C/F)
- Automatic Temperature Compensation (ATC)

HM Digital
PCS-150 Controller



Specifications – HM Digital PSC-150

EC Range (mg/L)	0 - 9999 ppm	Accuracy	+/- 2%
TDS Range (mg/L)	0 - 5000 ppm	Temperature Range (°F / °C)	33 - 167 / 1 - 75
Resolution	0.1 µS/ppm (0-999); 1 µS/ppm (1000-9999)	Conversion Factor	NaCl (avg. 0.5)
ATC (°F / °C)	Yes (33.8 - 149 / 1 - 65)	Power Supply	AC 110V / AC 220V
Calibration	Adjustable (manual)	Setting	Controlled by on-screen up/down buttons
Relay Control	The unit will open or close a circuit via dry contacts when the ppm/µS level reaches or exceeds the control setting (simple switch). It can be used to control a pump, solenoid valve or other device.	Relay Voltage	5V
Alarm	Optional steady beep (set by user)	Display	Bright 5/8" L.E.D. dual displays
Probe	1/2" bushing (NPT), 3 meter (9.8 ft) shielded cable	Monitor Weight (g / oz)	476 / 16.79
Dimensions	2.8 x 2.8 x 4 / 7.2 x 7.2 x 10.2	Total Weight (g / oz)	680.4 / 24.00



PS-100 Pictured On CT-7000

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