

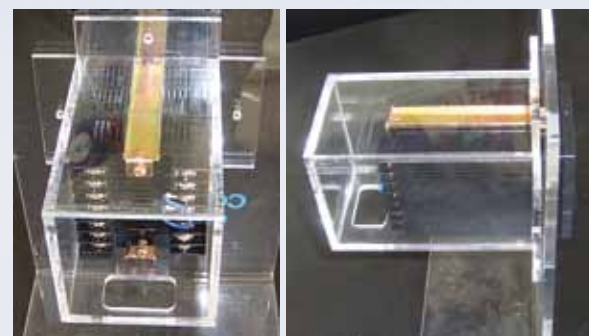
Controllers

Controllers

	PS-100	PC-100	PS-200
			
	<p>ONE TDS LINE, SINGLE SCREEN</p> <ul style="list-style-type: none"> 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 	<p>ONE EC LINE, SINGLE SCREEN</p> <ul style="list-style-type: none"> The fully adjustable relay control is set by the user to automatically stop a pump or valve if the EC level rises above the setting Stainless steel electrode Includes all parts at no extra cost 	<p>TWO TDS LINES, SINGLE SCREEN</p> <ul style="list-style-type: none"> Monitors two lines, controls one 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
TDS RANGE	0-999 ppm (mg/L)	0-999 μ S	0-999 ppm (mg/L)
ACCURACY	+/- 2%	+/- 2%	+/- 2%
RESOLUTION	1 ppm	1 μ S	1 ppm
ATC	Yes (1 - 65°C)	Yes (1 - 65°C)	Yes (1 - 65°C)
CALIBRATION	Analog to any point	Analog to any point	Analog to any point
SETTING	On-screen buttons	On-screen buttons	On-screen buttons
RELAY CONTROL	Simple switch, user-defined set point	Simple switch, user-defined set point	Simple switch, user-defined set point
ALARM	Optional setting	Optional setting	Optional setting
DISPLAY	Bright 5/8" L.E.D. display	Bright 5/8" L.E.D. display	Bright 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
POWER SUPPLY	AC 110V / 220V	AC 110V / 220V	AC 110V / 220V
DIMENSIONS	7.1 x 7.1 x 11.1 cm (2.8 x 2.8 x 4.4 in.)	7.2 x 7.2 x 10.2 cm (2.8 x 2.8 x 4 in.)	7.2 x 7.2 x 10.2 cm (2.8 x 2.8 x 4 in.)
WEIGHT	453 g (1.0 lbs)	476 g (1.05 lbs)	476 g (1.05 lbs)

	PS-202	PSC-150	PSC-154	CIC-152
				
	<p>TWO TDS LINES, DUAL DISPLAY</p> <ul style="list-style-type: none"> Ideal for commercial RO systems Monitors and controls two lines simultaneously Two fully adjustable relay controls are set by the user to automatically stop a pump or valve if the TDS levels rise above a setting Stainless steel electrodes (2 sensors) Includes all parts at no extra cost 	<p>ONE TDS/EC LINE, SINGLE SCREEN</p> <ul style="list-style-type: none"> 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 level rises above the setting Stainless steel electrode Includes all parts at no extra cost 	<p>ONE TDS/EC LINE, SINGLE SCREEN, 4-20mA OUTPUT</p> <ul style="list-style-type: none"> 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 level rises above the setting Stainless steel electrode Includes all parts at no extra cost 	<p>ONE TDS/EC LINE, SINGLE SCREEN DUAL DOSING CONTROL</p> <ul style="list-style-type: none"> Extended range for TDS and EC Two set points to control a range Two alarms (max. and min.) On-screen temperature display Digital calibration Upper limit and lower level set points to control two devices, such as a pump and solenoid valve Stainless steel electrode Includes all parts at no extra cost
TDS RANGE	0-999 ppm (mg/L)	0-5000 ppm (mg/L); 0-9999 μ S	0-5000 ppm (mg/L); 0-9999 μ S	0-5000 ppm (mg/L); 0-9999 μ S
ACCURACY	+/- 2%	+/- 2%	+/- 2%	+/- 2% full scale
RESOLUTION	1 ppm	0-999: 0.1 ppm/ μ S; 1000-9999: 1 ppm/ μ S	0-999: 0.1 ppm/ μ S; 1000-9999: 1 ppm/ μ S	0-999: 0.1 ppm/ μ S; 1000-9999: 1 ppm/ μ S
ATC	Yes (1 - 65°C)	Yes (1 - 65°C)	Yes (1 - 65°C)	Yes (1 - 65°C)
CALIBRATION	Analog to any point	Digital to any point	Digital to any point	Digital to any point
SETTING	On-screen buttons	On-screen buttons	On-screen buttons	On-screen buttons
RELAY CONTROL	Simple switch, user-defined set point	Simple switch, user-defined set point	Simple switch, user-defined set point	Two (upper limit and lower level)
ALARM	Optional setting	Optional setting	Optional setting	Two independent alarms (max. and min.)
DISPLAY	Bright 5/8" L.E.D. display	Bright, tri-color 5/8" L.E.D. display	Bright, tri-color 5/8" L.E.D. display	Bright, tri-color 5/8" L.E.D. display
PROBES	2 x 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 SUPPLY	AC 110V / 220V	AC 110V / 220V	AC 110V / 220V	AC 110V / 220V
DIMENSIONS	9.4 x 9.4 x 12.5 cm (3.7 x 3.7 x 4.5 in.)	7.2 x 7.2 x 10.2 cm (2.8 x 2.8 x 4 in.)	7.2 x 7.2 x 10.2 cm (2.8 x 2.8 x 4 in.)	7.1 x 7.1 x 11.1 cm (2.8 x 2.8 x 4.4 in.)
WEIGHT	569 g (1 lb 4.1 oz)	453 g (1.0 lbs)	453 g (1.0 lbs)	453 g (1.0 lbs)

Protective cover also available (model CC-1)



All HM Digital controllers include a TDS/EC sensor(s).

The *SP-1* sensor is compatible with:
PS-100, PS-200, PS-202, PC-100

The *SP-1-PSC* sensor is compatible with:
PSC-150, PSC-154, CIC-152

Throughout 2010, HM Digital will be upgrading the housing on all controllers but the PS-202. The new housing dimensions are 7.1 x 7.1 x 11.1 cm.

