

SPECIFICATIONS		HI 991300	HI 991301
Range	pH	0 to 14.00 pH	
	EC	0 to 3999 µS/cm	0.00 to 20.00 mS/cm
	TDS	0 to 2000 ppm (mg/L)	0.00 to 10.00 ppt (g/L)
	Temp.	0.0 to 60.0°C/32.0 to 140.0°F	
Resolution	pH	0.01 pH	
	EC	1 µS/cm	0.01 mS/cm
	TDS	1 ppm (mg/L)	0.01 ppt (g/L)
	Temp.	0.01°C/0.1°F	
Accuracy (@20°C)	pH	±0.01 pH	
	EC/TDS	±2% F.S.	
	Temp.	±0.5°C/±1°F	
Temperature Compensation	pH	Automatic	
	EC/TDS	Automatic with b selectable from 2.4%/°C with 0.1 increments	
pH Calibration		Automatic 1 or 2 point calibration with 2 sets of memorized buffers (4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)	
EC/TDS Calibration		Automatic 1 point at:	
		1413 µS/cm	12.88 mS/cm
		or 1382 ppm (CONV=0.5)	or 6.44 ppt (CONV=0.5)
		or 1500 ppm (CONV=0.7)	or 9.02 ppt (CONV=0.7)
TDS Conversion Factor		Selectable from 0.45 to 1.00 with 0.01 increments (default 0.50)	
Probe (included)		HI 1288 pH/EC/TDS/temperature with DIN connector and 1 m (3.3') cable	
Battery Type		(3) 1.2V AAA	
Battery Life		Approximately 200 hours of continuous use	
Auto-off		After 8 minutes of non-use	
Environment		0 to 50°C (32 to 122°F); RH max. 100%	
Dimensions		150 x 58 x 29 mm (5.9 x 2.8 x 1.1")	
Weight		205g (7.2 oz.)	

ORDERING INFORMATION

HI 991300 and **HI 991301** are supplied with HI 1288 pH/EC/TDS/temperature probe with DIN connector and 1 m (3.3') cable, calibration & cleaning solution sachets, (3)1.2V AAA batteries and instructions.

ELECTRODES

HI 1288 Pre-amplified pH/EC/TDS probe with built-in temperature sensor, DIN connector and 1 m (3.3') cable

SOLUTIONS

HI 7004L pH 4.01 buffer solution, 500 mL

HI 7006L pH 6.86 buffer solution, 500 mL
HI 7007L pH 7.01 buffer solution, 500 mL
HI 7009L pH 9.01 buffer solution, 500 mL
HI 7010L pH 10.01 buffer solution, 500 mL
HI 7030L 12880 µS/cm (µmho/cm) solution, 500 mL
HI 7031L 1413 µS/cm (µmho/cm) solution, 500 mL
HI 7032L 1382 ppm (mg/L) solution, 500 mL
HI 7038L 6.44 ppt (g/L) solution, 500 mL
HI 70442L 1500 ppm solution, 500 mL
HI 70300L Electrode storage solution, 500 mL
HI 7061L Electrode cleaning solution, 500 mL

Recommended Operating Temperature
20 to 40°C (86 to 104°F)



SPECIFICATIONS		HI 1288
Description	Spare electrode	
Reference	Single, Ag/AgCl	
Junction / Flow Rate	Cloth	
Electrolyte	Gel	
Max Pressure	1 bar	
Range	pH: 0 to 13; EC T: 0 to 60°C (32 to 140°F)	
Tip /Shape	Spheric (dia: 8.5 mm)	
Temperature Sensor	Yes	
Amplifier	Yes	
Body Material	PVC	
Connection/Cable	DIN/7-pole; 2 m (6.6')	
Recommended Use	General purpose, water treatment, agriculture, boilers, cooling towers	

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