


FUNCTIONS

Mode	Parameter	Solution Model	Units
Cond KCl	Conductivity	potassium chloride	microsiemens (μS)
tdS 442	Total Dissolved Solids (TDS)	442™ Myron L Natural Water Standard	parts per million (ppm)
tdS NaCl	TDS	sodium chloride	ppm
SALt 442	Salinity	442™ Myron L Natural Water Standard	parts per thousand (ppt)
SALt NaCl	Salinity	sodium chloride	ppt

SPECIFICATIONS

Measurement Range:	1 - 9999 μS or ppm (0.0010 - 9.999 ppt salinity)
Accuracy (After Wet Calibration):	$\pm 1\%$ of reading
Repeatability:	< 1000 μS or ppm ± 1 Count $\geq 1000 \mu\text{S}$ or ppm $\pm 0.3\%$ of reading
Resolution:	Conductivity and TDS: 0.1 for 1.0 - 99.9 μS or ppm 1 for 100 - 9999 μS or ppm
	Salinity: 0.0001 for 0.0010 - 0.0999 ppt 0.001 for 0.100 - 9.999 ppt
	Temperature: 0.1 $^{\circ}\text{C}$ or $^{\circ}\text{F}$
Time to Reading Stabilization:	10 - 20 seconds
Active Mode Power Consumption:	30 - 100 mA
Sleep Mode Power Consumption:	2 μA
Temperature Measurement Range:	0 - 71 $^{\circ}\text{C}$ or 32 - 160 $^{\circ}\text{F}$
Temperature Accuracy Displayed:	$\pm 0.1 \text{ }^{\circ}\text{C}$ or $\pm 0.2 \text{ }^{\circ}\text{F}$
Temperature Compensation Method:	Automatic to 25 $^{\circ}\text{C}$
Physical Dimensions:	17.15 cm L x 1.59 cm D or 6.75 in. L x .625 in. D
Weight:	55 g or 1.94 oz.
Case Material:	Anodized Aluminum with UV Protective Coating
Battery Type:	N type, Alkaline
Battery Voltage:	1.5 V
Calibration Solution Point:	1800 μS KCl; 3000 ppm 442™ (2027 ppm NaCl)
Operating/Storage Temperature:	0 - 55 $^{\circ}\text{C}$ or 32 - 131 $^{\circ}\text{F}$
Water Resistance:	IP67 and NEMA 6
 EN61236-1: 2006 - Annex A: 2008	Electrostatic discharge to case of instrument may cause PT1 to spontaneously power on. In this case, the PT1 will power off after several seconds.

ACCESSORIES

Standard Solutions for calibration:
 MODEL#s: KCL-1800, 442-3000 (2027 ppm NaCl)

MYRON L WARRANTY

Excepting the battery, the Myron L PT1 Conductivity/TDS/ Salinity Pen is warrantied to be free from manufacture defect for 1 year.

GLENGARRY Chemicals Ltd.
 33 Melford Drive, Unit #6
 Scarborough, Ontario, M1B 2G6
 Telephone 416-757-1333
 Fax 416-757-9793
 glengarrychemicals1@on.aibn.com

