

ULTRAMETER II™

Operation Manual

MODELS 6PFC^E & 4P

MYRON L[®]
COMPANY
Water Quality Instrumentation
Accuracy • Reliability • Simplicity

18 February 16

C. Specification Chart

	pH(6PFC ^E)	ORP(6PFC ^E)	Free Chlorine (6PFC ^E)	Conductivity	TDS	Resistivity	Temperature
Ranges	0-14 pH	±999 mV	0.00-9.99 ppm** 350 mV ≤ ORP < 725 mV and 0.0 ≤ pH < 9.9 725 mV ≤ ORP < 825 mV and 0.0 ≤ pH < 8.9	0-9999 μS/cm 10-200 mS/cm in 5 autoranges	0-9999 ppm 10-200 ppt in 5 autoranges	10KΩ - 30MΩ	0-71 °C 32 - 160 °F
Resolution	±.01 pH	±1 mV	0.01 ppm	0.01 (<100 μS) 0.1 (<1000 μS) 1.0 (<10 mS) 0.01 (<100 mS) 0.1 (<200 mS)	0.01 (<100 ppm) 0.1 (<1000 ppm) 1.0 (<10 ppt) 0.01 (<100 ppt) 0.1 (<200 ppt)	0.01 (<100 KΩ) 0.1 (<1000 KΩ) 0.1 (>1 MΩ)	0.1 °C/F
Accuracy	±.01 pH*	±1 mV*	±0.3 ppm <1.00ppm ±0.2 ppm ≥1.00ppm*	±1% of reading	±1% of reading	±1% of reading	±0.1 °C
Auto Temperature Compensation	0-71 °C 32-160 °F		0-71 °C 32-160 °F	0-71 °C 32 - 160 °F	0-71 °C 32 - 160 °F	0-71 °C 32 - 160 °F	
Adjustable Temperature Compensation				0 - 9.99%/ °C	0 - 9.99%/ °C	0 - 9.99%/ °C	
Cond/TDS Ratios Preprogrammed				KCl, NaCl, 442™			
Adjustable Cond/TDS Ratio Factor				0.20 - 7.99			

***EM Susceptibility:** When Measuring 10.0 pH Reference Solution
±0.2 pH in the presence of RF fields ≥ 3 V/m.
±0.37 pH in the presence of RF fields at 300 MHz (±30MHz)

**If either ORP or pH is outside the specified limits, the instrument will display "-Or-".

D. Warranty/Service

The Myron L Ultrameter II, excluding the pH/ORP sensor (6PFC^E), has a Two (2) Year Limited Warranty. The pH/ORP sensor (6PFC^E) has a Six (6) Month Limited Warranty for materials and workmanship. If an instrument fails to operate properly, see Troubleshooting Chart, pg. 36. The battery and pH/ORP sensor are user-replaceable. For other service, return the instrument prepaid to the Myron L[®] Company.

MYRON L[®] COMPANY
2450 Impala Drive
Carlsbad, CA 92010-7226 USA
+1-760-438-2021
E-Mail: info@myronl.com
techquestions@myronl.com
www.myronl.com

If, in the opinion of the factory, failure was due to materials or workmanship, repair or replacement will be made without charge. A reasonable service charge will be made for diagnosis or repairs due to normal wear, abuse or tampering. This warranty is limited to the repair or replacement of the Ultrameter II only. The Myron L[®] Company assumes no other responsibility or liability.

E. Ultrameter II Models

MODEL	4P	6PFC ^E
PARAMETERS	Conductivity/TDS Resistivity/Temp.	Conductivity/TDS/pH/Resistivity/Temp. ORP mV/Free Chlorine Equivalent ppm (FC ^E)