



600 Emlen Way  
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## **Specifications for the Hydro Model RMH-2000-CL2 Remote Meter** **Specification RMH-2000-CL2**

### **1.01 GENERAL**

#### **1.01.1 Completeness**

The system shall be complete with all components, equipment, and appurtenances.

#### **1.01.2 Quality Assurance**

All materials and components shall be new and unused of first quality by well-known manufacturers. Inferior materials or components shall not be allowed.

### **1.02 MANUFACTURER**

The manufacturer shall be Hydro Instruments, Telford, PA, USA or approved equal. The remote meter shall be Hydro Instruments Model RMH-2000-CL2.

### **1.03 SPECIFICATIONS**

#### **1.03.1 General**

1. The remote meter shall be used to indicate and control chlorine gas feed rate.
2. The remote meter shall have a chlorine gas feed capacity of not less than 2000 pounds per day (40 kg/hr).
3. The remote meter shall be constructed of materials suitable for chlorine gas under vacuum.
4. The process connections shall be made through 1" Schedule 80 PVC threaded Unions.

#### **1.03.2 Gas Flow Meter**

1. The remote meter shall be provided to indicate the gas flow rate within 4% of full scale accuracy.
2. The remote meter tube shall be 12" long (300 mm) and shall indicate the feed rate with a machined PTFE float.
3. The remote meter shall be suitable for wall mounting.
4. The remote meter shall be equipped with a control valve for manual feed rate adjustment.
5. Flow meter tubes shall indicate flow rates up to 2000 pounds per day (40 kg/hr) and down to a minimum of 1/20 of the maximum value.