



# Battery Powered Flow Monitor

## Signet 5100

- Independently calibrated flow and totalizer displays
- Simple pushbutton operation
- Splashproof front panel
- Two 8-digit totalizers (resettable and non-reset table)
- Socketed battery for easy replacement
- Remote totalizer reset capability
- No information lost during battery replacement
- Large Digital Display
- 1/4 DIN, NEMA 4X/IP65 enclosure

The SIGNET offers a solution to field applications out of reach of power sources with the SIGNET 5100 Battery Powered Flow Monitor. A long life lithium battery powers the unit to display independently calibrated flow rate and totalizer values. Features include low-battery voltage indication and a “save-mode” to retain calibration information during battery replacement, as well as remote totalizer reset.



### Application

- Waste Water Flow Accumulation
- Water Treatment Systems
- Remote or Mobile Treatment/Distribution Systems
- Filtration Systems
- Irrigation
- Commercial Pools & Spas
- Groundwater Remediation
- HVAC
- Process Flow Monitoring
- Process Cooling Water
- Neutralization System

### Specifications

<b>Operating Range</b>	5 Hz to 500 Hz
<b>Power Requirements</b>	Internal 3.6V Lithium thionyl chloride battery, 4.5 A Hr. (4-year nominal life expectancy)
<b>Display</b>	4 digit numeric LCD flowrate with dual eight digit totalizer
<b>Operating Conditions</b>	
<b>Operating Temperature</b>	23 to 149°F
<b>Relative Humidity</b>	0 to 95%, non-condensing
<b>Accuracy</b>	±0.5% of reading
<b>Materials</b>	
Enclosure	ABS Plastic, NEMA 4X/IP65
Keypad	Silicone rubber
Panel Gasket	Neoprene
Case Gasket	Neoprene
Window	Hard-coated polycarbonate
<b>Immunity</b>	EN50082-2
<b>Emissions</b>	EN55011
<b>Safety</b>	EN61010-1
<b>Quality Standards</b>	CE, CSA, UL

### Ordering Information

ITEM	DESCRIPTION
<b>3-5100</b>	5100 Battery Powered Flow Monitor (Battery and assorted flow unit/multiplier decals included)
<b>3-5000.395</b>	Splashproof Back Cover Kit
<b>3-5000.598</b>	Mounting Bracket
<b>3-5000.399</b>	Retrofit Adapter Kit
<b>3-9000.392</b>	Liquid Tight Connector Kit
<b>7400-0010</b>	Battery

