

# CAR-LOGGER®

## REAL TIME FLOW INFORMATION



The versatile CAR-LOGGER® is designed to:

- Display “Real Time” flow information from any Carlon JSJ® Series meter or from the Cold or Hot Water turbine meters, equipped with an optical coupler and other contacting meters depending on dry contact settings.
- Convert the signal into two visual display values:
  - 1) Real Time Flow rate
  - 2) Total Volume of water passing through the meter.
- Provides two independent pulse output signals for programmable controllers and remote counters, if required for the application. No splitter is required.
- The CAR-LOGGER® has a non-volatile memory – no battery is required.
- The programming menu is simple to use with a multiple choice approach. Units of measure (gallons, cubic feet, liters) can be selected and displayed during operation, if desired.
- The 4-20mA signal can be sent to different places (i.e. 4-20mA proportional pumps, manufacturing monitoring systems, building management systems.)



## DISPLAY FEATURES – TWO LINE DISPLAY & LED INDICATORS

**LCD DISPLAYS:** Programming Menu, Flow Rate, Totalized Volume & Analog Current Output, Pulse Outputs and Manufacturing History Data.

**LED DISPLAYS:** Pulse In, Alarm, Pulse Out 1 & Pulse Out 2

**ELECTRICAL OUTPUTS:** Out 1 & Out 2 are dry contact pulse outputs programmable between 1 and 999 per contact. One analog, 4-20 mA output which is proportional to the flow rate of the unit.

## SPECIFICATIONS & ORDERING INFORMATION

<b>MODEL</b>	
<p><b>CL100</b>      Car-Logger</p> <p><b>CL100-E</b>      Car-Logger with Ethernet</p>	<p><b>INPUT SIGNAL:</b>      Optical Coupler from Meter or Dry Contact</p> <p><b>OUTPUT SIGNAL:</b>      Analog 4-20 mA output – Isolated powered output Out 1 &amp; Out 2, dry contact pulse output switches, 120 VAC, Resistive 3 amps maximum</p> <p><b>POWER REQUIREMENTS:</b>      120 VAC ⚠️ (GFI Recommended)</p> <p><b>ENCLOSURE:</b>      Polycarbonate NEMA 4</p> <p><b>DIMENSIONS:</b>      6.5" X 7" X 4"</p> <p><b>WEIGHT:</b>      2 lbs.</p>

## METER MODEL SELECTION CHARTS

METER/PIPE SIZE	JSJ SERIES MODEL	MAX FLOW (GPM)
5/8" X 1/2"	JSJ062	20
5/8" X 3/4"	JSJ0621	20
3/4" X 3/4"	JSJ075	30
1" X 1"	JSJ100	50
1 1/2"	JSJ150	100
2"	JSJ200	160

VISIT [WWW.CARLONMETER.COM](http://WWW.CARLONMETER.COM) FOR CONTACT SETTINGS OF JSJ® SERIES METERS AND AVAILABILITY OF TURBINES 10" AND LARGER IN SIZE

METER/PIPE SIZE	COLD WATER TURBINE SERIES MODEL	MAX FLOW (GPM)
2"	C200	400
3"	C300	550
4"	C400	1250
6"	C600	2500
8 "	C800	4500

METER/PIPE SIZE	HOT WATER TURBINE SERIES MODEL	MAX FLOW (GPM)
2"	H200	132
3"	H300	198
4"	H400	792

**Warranty:** Carlon Meter, Inc. warrants its products to be free of defect in material or workmanship for a period of twelve months from the date of purchase. Contact us to obtain a copy of our complete statement of warranty.