



Local Display *(Available for Turbine or Oval Gear Meters)*

The 09 Computer has replaced all previous configurations of GPI Local Displays (03, 04, 08, etc.). Commonly used features are preprogrammed in the Standard 09 Computer Display. End-users can enable additional features by using a password available from the factory or on the GPI web site. The 09 configuration provides a very high degree of customization, matchings customers' exact needs.



Local Display shown here on G2 Turbine Meter.

GPI programmed the new 09 Computer with many new features in addition to the standard factory configuration. Disabling "unnecessary" features makes day-to-day operations simple.

Features and Benefits:

- ✓ 2 Totals (1 Resettable, 1 Cumulative).
- ✓ Flowrate display updates every 5 seconds, readout is in units/minute.
- ✓ Factory Calibration in gallons and litres.
- ✓ 2 user-defined Field Calibrations.
- ✓ Small, compact and totally self contained with an internal power supply.
- ✓ Field replaceable Lithium batteries for long life.
- ✓ Automatic on and off.

09 COMPUTER – SPECIFICATIONS

Std. Factory Calibration:	2 Totals (1 Resettable, 1 Cumulative); Factory Calibration in gallons and litres; 2 User Calibrations and Flowrate.
Computer Electronics:	09 Computer fits all A1 and G2 meter sizes and construction. Standard Display fits GM Series meters.
Totalizing Registers:	0 to 3 available
K-Factor Limits:	Min.: .1 pulses/unit Max.: 10,000 pulses/unit
Field Calibration:	Field calibrate by user. Standard Method: Dispense/Display. Four adjustable digits.
Readout Totals:	LCD with floating decimal Minimum Display = 0.01 units Maximum Display = 999,999 units (6 digits)
Input Pulse Rate:	Minimum (Pulse-in Input) = DC (0 Hz) Minimum (Coil Input) = Approximately 10 Hz Maximum = Approximately 1,000 Hz
09 Computer Power Source:	
Internal Power Supply:	2 Lithium batteries at 3 volts each
Minimum Battery Life:	9,000 hours
Optional Power Supply:	7 to 30 VDC
Std. Display Power Source:	
Internal Power Supply:	Loop powered (4-20 mA) or 9-volt battery
Optional Power Supply:	10 to 18 VDC
Operating Temperature:	+14°F to +140°F (-10°C to +60°C)
Storage Temperature:	-40°F to +250°F (-40°C to +121°C)

Using a password-protected configuration process can enable the additional features. GPI Customer Service can provide the password and instructions to unlock and reset configuration settings. This information is also available on the GPI web site. User configuration features include:

Totalizers / Modes Enabled (Cumulative Total, Batch 1 Total, Batch 2 Total, Flowrate Mode)

User can change Flowrate Update Interval

Flowrate Timebase (Minute, Hour, Day)

Factory Calibration Curve Enabled in GAL and LTR

Field Calibration Curve B and/or C Enabled

Dispense/Display or K-Factor Entry Calibration

Maximum Resolution for Field Calibration (0, 1 or 2 Decimals)