

G5R™ Handheld Computer-Hersey® Meters

Electronic Meter Data Retrieval System

Features

APPLICATIONS: The Itron® G5R™ handheld computer combines the latest technology with a full duplex radio in a small and power efficient package. It is capable of reading all Hersey® meters equipped with AMR touchpads when used with the Versaprobe universal probe. The G5R's integral radio receives all 50W ERT radio read module signals. Manual entry of data for visually read meters and notes is supported as well. When used with the Itron meter reading management software or Hersey EZ™ Reader software, a variety of reports can be generated to assist in management of all aspects of water and resources use. Accurate data collection, a faster read to bill cycle, and increased meter reading productivity are available with this simple, yet comprehensive meter reading tool.

CONFORMANCE TO STANDARDS: The G5R computer is tested to MIL-STD-810E for drop, humidity, rain, shock, dust, vibration and altitude.

DESCRIPTION: The G5R computer is lightweight, rugged and ergonomically designed for comfortable use in all environmental conditions. The LCD display is manufactured with temperature compensated contrast control and backlighting for viewing ease. The 30 character x 18 line screen provides plenty of room for the display of meter information and notes. Forty application definable keys in a flat membrane keyboard template that is field replaceable make data entry easy when required. Since 99% of a meter reader's keystrokes are numeric entry, a ten digit numeric keypad is located in an easy to use location. A new power management system chooses from different processor modes to enhance performance and battery life, allowing more reads without charging the battery pack. Once the data is collected, 16MB Compact Flash card technology permits the storage of critical information without a power source.

G5 POD: Itron's G5 POD is a compact, affordable communications cradle and battery charger.

As an advanced cradle unit, the POD is lightweight and versatile with enhanced charging capabilities. With the POD, a battery pack can be charged individually while installed in the G5 unit, or a combination of an individual battery pack and a G5 unit can be charged simultaneously.

Other features include: Connection of multiple G5 PODs via interconnect power board three per power supply. Simultaneous communications and charging of battery in G5 handheld. 5-6 hour battery charging time. High-contrast LED indicator lights for operational modes.

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Materials and Specifications

- **MODEL** G5R
- **STANDARDS** Designed and tested to MIL-STD 810
- **MEMORY OPTIONS** 8MB RAM, 1024K EPROM with MS/DOS Operating System, MS/DOS Utilities, Disk Drive Space on 16MB Compact Flash Card
- **PROCESSOR** NEC V25+; 386MHz internal clock; 8088 Instruction Superset
- **OPERATING SYSTEM/APPLICATION LANGUAGE** . IBM's PC DOS 200, General Software Bios 4.0
- **POWER SUPPLY** Intelligent lithium-ion, Lithium coin clock battery backup, 8-12 hour battery life, 5-6 hour batter charge time
- **TEMPERATURE RANGE** -22F to 140F
- **COMMUNICATIONS** Serial port Connections: Side Port Hirose Connector with 5V, through cradle

Dimensions

Length	8.8"
Width	3"
Depth	2-1/2"
Weight	26 oz.

