

# INTRODUCING...

The OMNI 7000 Series flow computer is a universal measurement & control device designed for industrial data gathering and processing.

Built on 20+ years of metrology experience, the OMNI 7000 is designed for modularity and expansion, with today's measurement application needs in mind.



## The OMNI 7000

It easily fits into metering, flow, valve control, and control system architecture, while providing the quality & reliability expected from OMNI Flow Computers.

The SSL Security platform, enhanced USB and Ethernet connectivity, and innovative audit trail functionality provide best in class performance for superior custody transfer and measurement needs.

The OMNI 7000 bridges the gap between an existing measurement infrastructure and paves the way for future growth.

• **Measurement Competency.**

• **Sustainability.**

• **Reliability.**



## FEATURES

- **6 Meter Run Capability & Expanded I/O** -Expansion of the flow measurement capability to 6 meter runs plus a prover. Digital I/O expanded to 256 points.
- **USB Functionality** – 2 USB ports: Save configuration, download archives and reports, or flash the front panel or CPU firmware. One type-A standard USB connector and one Mini-B USB connector.
- **4.3" COLOR LCD Display** -Large 256 Color graphics display with condensed keypad for ease of navigation and display. Graphical / Trend representation of Data: K-factors, Meter factors, pressure, flow, and temperature.
- **Security** – SSL Encryption as used by the Financial industry for online banking. Public & symmetric key security with 64 permission levels on each database point. Unique user IDs and serial port security based on access permissions, and passwords.
- **Enhanced Connectivity** – High Performance 10/100 BASE-T Ethernet compatibility with dual onboard RJ-45 connectors. Multi-socket support and network printing.
- **Web Server** -The Dual Ethernet card can host a web server, allowing connectivity to the OMNI 7000 using any standard web browser. Browse live data, retrieve reports and configure the flow computer.
- **Communications**- Alarms, reports, and data archives provided by Email if connected by Ethernet. Measurement Information can be provided in .PDF files or SMS text messages.
- **Audit / Traceability** – Changes logged from any source: Serial, network, and keypad. Traceability maintained by "system" and "measurement" logs to increase the depth of audit history.