



Data Sheet CDS 1000

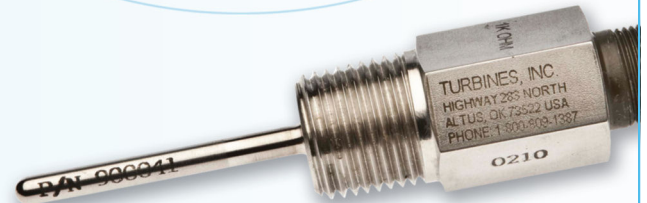
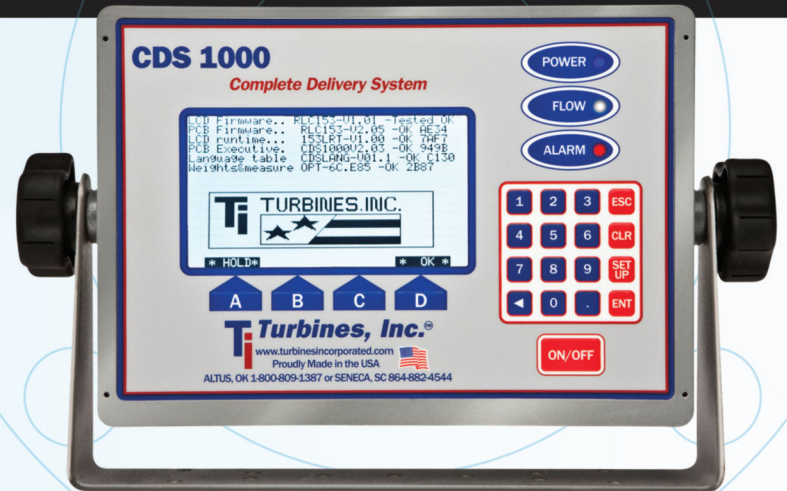
CDS 1000 Cryogenic Monitor

Highly Accurate and Reliable Cryogenic Measurement Display

Turbinex, Inc. is a leader in the design and manufacture of reliable and accurate turbine flow metering equipment, electronic monitors, and accessories. All of our products are engineered, manufactured, and calibrated using premium quality materials by a skilled engineering team, using state-of-the-art equipment.

The **CDS 1000 Cryogenic Monitor** is an effortless, field programmable complete delivery system that accurately computes and displays actual flow parameters in real time, in digital and graphic form. The system operates seamlessly with our TMC Cryogenic flow meters to deliver proven results for low-temperature requirements. The CDS 1000 monitor is front keypad programmable and allows for custom ticket setup, and linearization for enhanced metering accuracy.

The CDS 1000 monitor can also be equipped with our handheld, wireless MZ320 Bluetooth Printer for effortless ticket printing.



Included with the CDS1000 Cryogenic Monitor is a 1000 ohm temperature probe for accurate temperature monitoring.

CDS 1000 Features

Output:

(2) Form C 2 A Relays

4-20mA for rate, Bluetooth, and RS232

Display: backlit 240x128 graphical screen

Temperature: -40°F to +125°F

Signal Input: 0-2500 Hz, 50mV RMS; 10 Hz, optional dual pickup

Sensor Inputs:

Temperature: RTD or 4-20mA loop

Pressure: 4-20mA loops

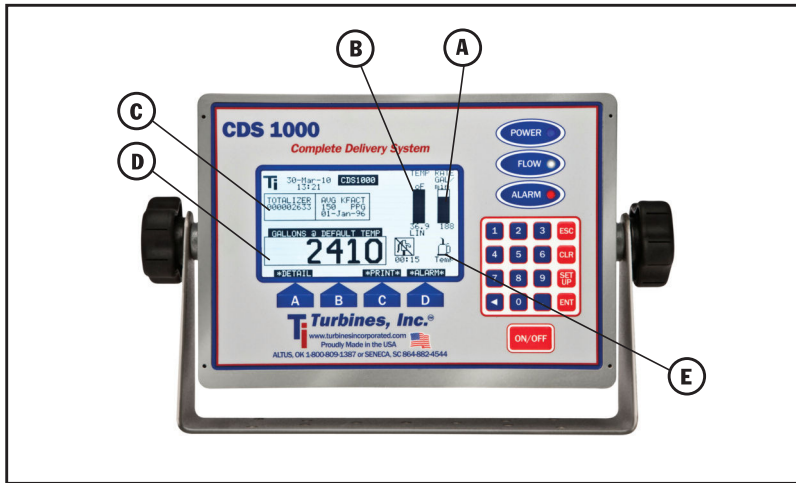
Printing:

Hand-held, wireless printers

Multiple tickets

Custom ticket set up

Data Sheet CDS 1000



- A.** Rate Indicator
- B.** Temperature Indicator
- C.** Displays “Grand Total” (Non-resettable)
- D.** Displays “Batch Total” (Resettable)
- E.** Indicates “System Maintenance Alarm”

Specifications

Performance Data	
Linearization	10 point
Sensor	Platinum 1000 ohm
Internal Power	NimH battery pack
Input Power	9-26 VDC (polarity insensitive)
Testing	System alarm log for fault identification
Maintenance	Automatic maintenance reminders
Materials	
Weight	3lbs
Dimensions	9.75" x 7.5" x 3.75"
Approvals	CTEP/NTEP
Additional Information	
	Factory refurbishment with one (1) day turnaround is available

Support and Service

Our full-time, dedicated service group offers 100% trustworthy support and recertification for flow meters — whether our own or a competitor's brand. Our meter proving services are performed by our trained technicians and the latest testing equipment.

Custom meters and instrumentation options for your application are readily available. Our products are always in stock and ready for immediate shipment, typically within 24 hours.



P.O. Box 933 | 15935 U.S. Highway 283 | Altus, OK 73522 USA
Tel: +1-800-809-1387 | Fax: +1-580-477-3071

www.turbinasincorporated.com

Turbinas, Inc. products and operations are certified to industry standards for safety and performance. Visit our web site for details.

Certifications

Turbinas, Inc.'s quality management systems are ISO 9001 and AS 9100 compliant and Canadian CRN certified.

Worldwide Support

Turbinas, Inc. serves customers worldwide with U.S. offices in Cranston, RI (headquarters); Houston and Odessa-Midland, TX; Tulsa and Altus, OK; Seneca, SC; as well as locations in Edmonton, Alberta (Canada) and Beijing, China.

Contact your Turbinas, Inc. Field Application Engineer for assistance.



All Turbinas, Inc. products are proudly made in the U.S.A.