

iHD-200

Liquid Density Measurement System

When the need arises for fiscal metering of crude, refined hydrocarbons or other liquids, the iHD system offers a packaged solution.



Based on industry leading vibrating element technology, the iHD integrates a variety of components to provide a system with unmatched performance, reliability and low maintenance costs.

Packaged in an insulated and heated, NEMA 4 enclosure, the iHD is suitable for use in Class I, Group D, Division I locations.

Customized and pre-assembled to meet your specific applications.

Save time and money with the iHD, another integrated energy solution from Standby Systems.

iHD-200 System

A magnetically coupled sealless pump pushes product through the densitometer and returns it to the pipeline. A flow switch proves product flow through the system, while a level switch indicates if leakage in the base of the cabinet sump is detected. The heated, lighted and insulated cabinet provides a secure, temperature controlled environment for all components.



Features:

- Max Working Pressure: 1,480 psig
- Hydrostatic Test Pressure: 2,220 psig
- Min Ambient Temperature: -40° F
- Densitometer Accuracy: 0.00015 g/cc
- Densitometer Repeatability: +/- 0.0001 g/cc
- Meets requirements of 49CFR Part 195
- Stainless Steel Valves, Tubing and Fittings
- Actuated Inlet & Outlet Valves
- Materials, Procedures and Testing Fully Documented
- Complete Electrical and Mechanical Drawings Provided
- Lighted and Heated Enclosure
- Built in sump to capture leakage
- Custom built to meet your specifications



**Standby
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