



AN ISO 9001 CERTIFIED COMPANY

SPUD 604

Density Processor

The new *explosion-proof* **SPUD 604 Density Processor** is for pipeline applications. It can be used where a local density computer is necessary for interface detection or other applications requiring computation of API gravity, specific gravity at flowing temperature or at 60 F°. The unit has a 4-20 ma and 5 programmable alarm outputs.



The SPUD 604 now available in explosion-proof configuration.

Calibron Systems, Inc.

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Visit our Web Site at <http://www.calibron.com> or e-mail us at ussales@calibron.com

DESCRIPTION

The *explosion-proof* **SPUD 604 Density Processor** is directly mounted to the Calibron Systems, Inc. vibrating tube **DENSITRAK®** density meter. This explosion-proof model has the same calculations and features as the performance proven panel mounted SPUD 604, using the same communication software.

The *explosion-proof* **SPUD 604 Density Processor** calculates liquid density, specific gravity at flowing temperature or at 60° F, API gravity, % concentration or BRIX utilizing the frequency output from a density meter. Through the communication software, the optional two line alphanumeric backlit LCD allows the user to display variety of functions. The communication software is capable of data logging and real time monitoring.

DATA INPUTS

- Density meter frequency
- Two temperature inputs
- Pressure input
- RS232 serial port (I/O)

DATA OUTPUTS

- LCD display
- 4-20 mA current (programmable)
- Five user selectable alarm outputs

Electrical information on explosion-proof SPUD Model 604

ELECTRICAL CLASSIFICATION:

Designed to meet NEC Class 1, Div. 1,
Group C&D

Instrument housing approvals: CSA,
FM, EExd, UL

POWER REQUIREMENT:

VOLTAGE: 18 – 32 VDC

CURRENT: 30 mA nom.

For additional information, on DENSITRAK Density Meters and Density Processors, see the CSI Density meter brochures.

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