



# PROCESS INTELLIGENCE THAT EMPOWERS

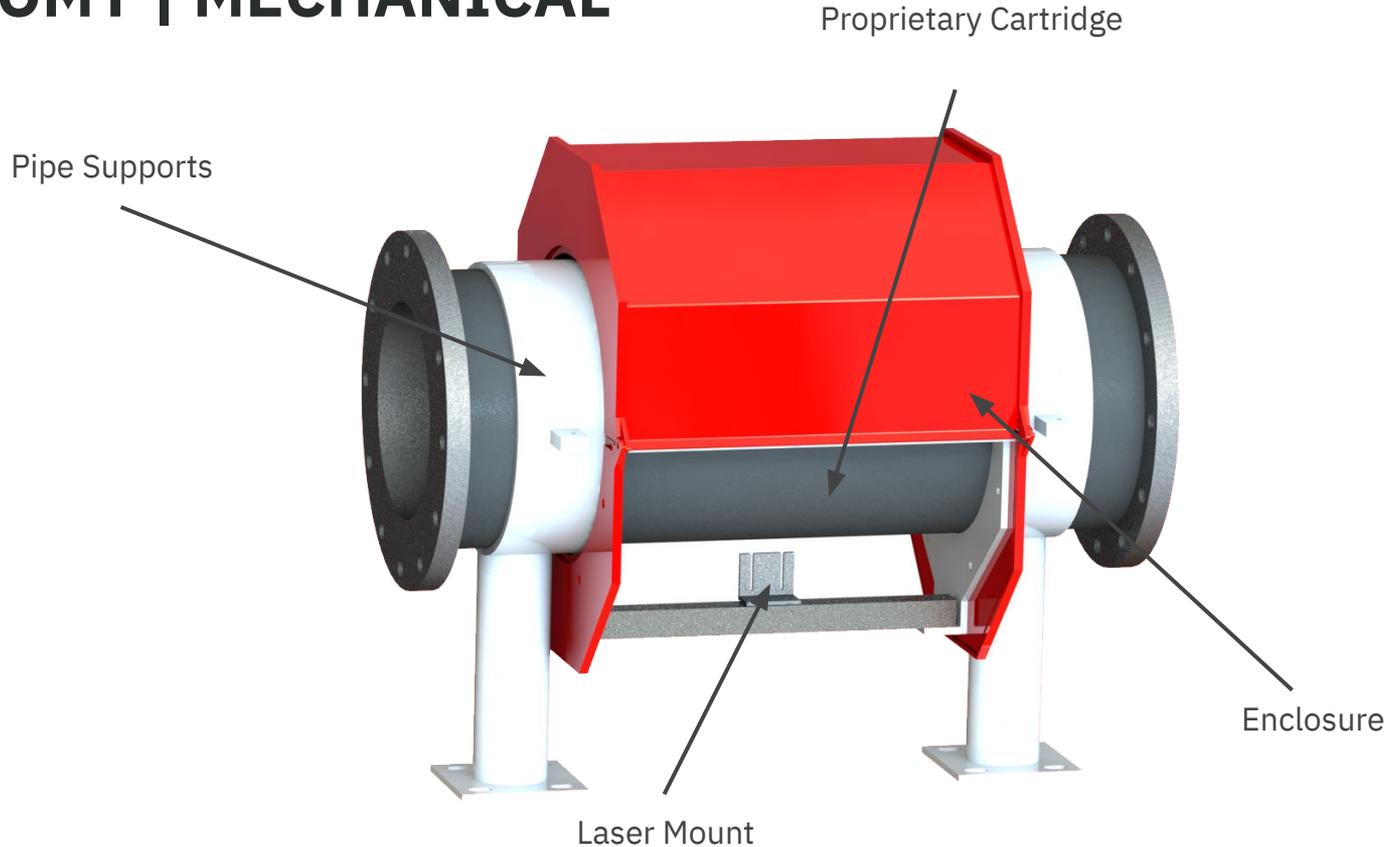


# KEY ADVANTAGES

- + Simple, Non-Nuclear Solution
- + Low Total Cost of Ownership
- + Remote Support and Updates
- + Real Time Measurement Readings
- + Simple to Install and Maintain
- + Highly Accurate and Repeatable

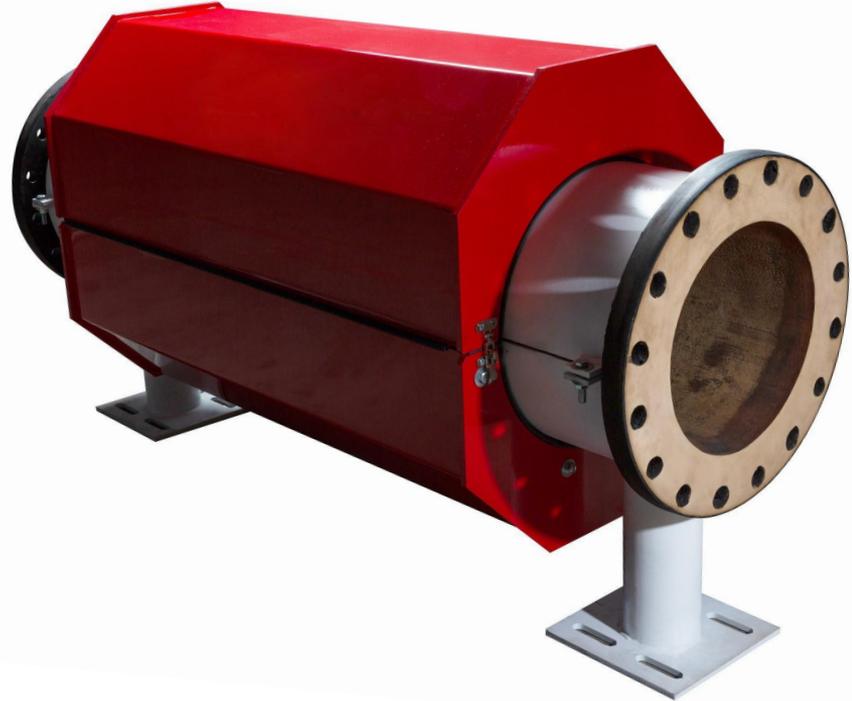


# ANATOMY | MECHANICAL



# PRINCIPLE OF OPERATION

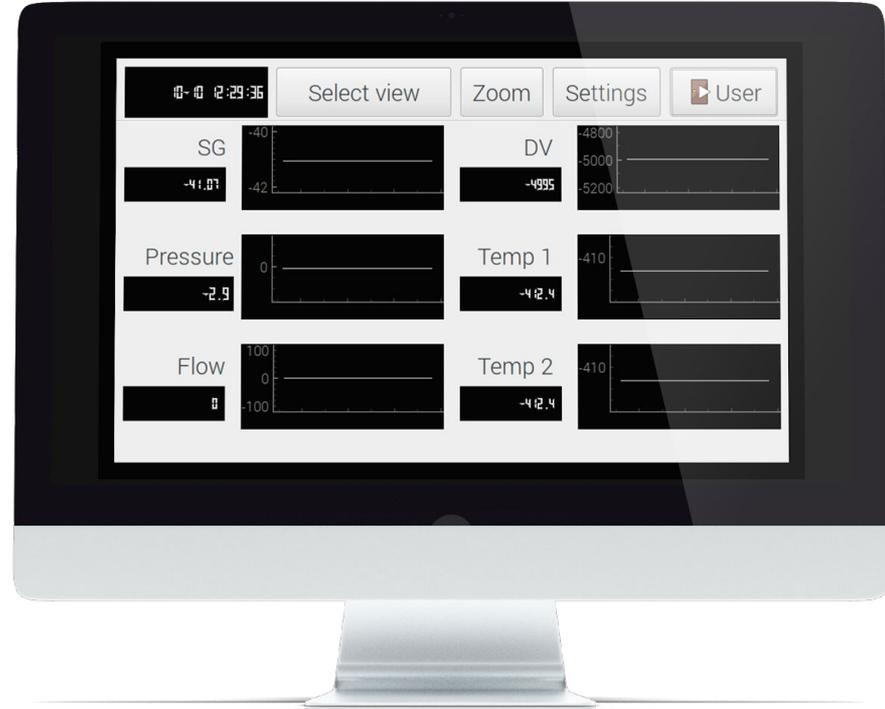
- 1 All media passes through a flexible inline cartridge.
- 2 The change in deflection of the cartridge is read by a highly sensitive laser. In addition, temperature and pressure are recorded.
- 3 As the weight change is measured within a fixed volume, the density is calculated using data recorded by the sensors and computed using our proprietary machine learning algorithms.
- 4 The calculated readings are displayed and graphed on screen. This data can be output in real time as well as exported for archival and analysis.



# ANATOMY | SOFTWARE

## CORE FEATURES

- + Selectable Display Options
- + PIN-Secured Configuration & Calibration Menu
- + Remote Interface (HMI)
- + Remote Support & Upgrades
- + 4-20 mA Output\*
- + Modbus TCP
- + RS485 (Modbus)
- + Optional HART Output



\*Multi-view displayed not available with 4-20 mA output.

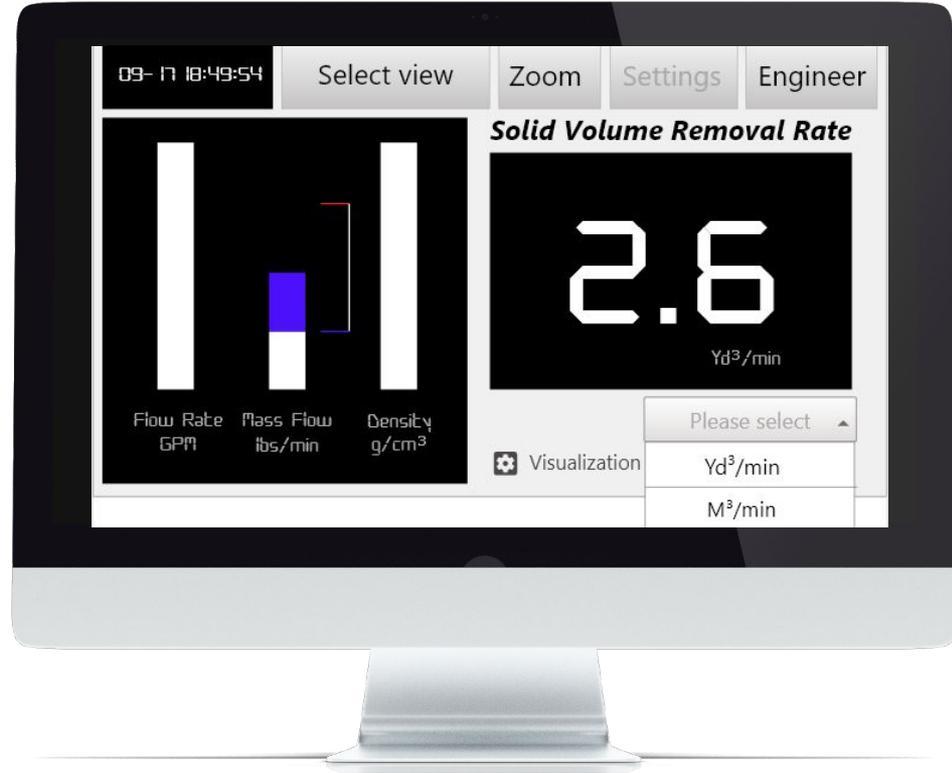
# EASY TO USE INTERFACE

## DISPLAY VALUES

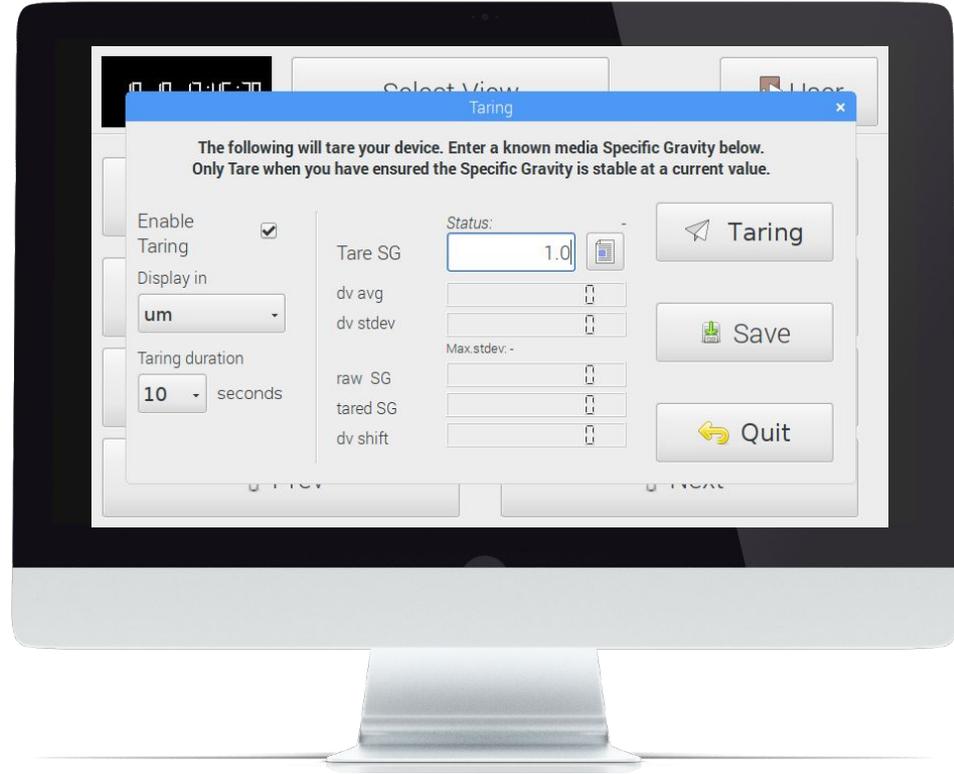
- + Density or Specific Gravity
- + Solids Component Content
- + Media Pressure
- + \*Flow Rate
- + \*Mass Flow
- + \*Solids Accumulator
- + \*Flow Rate vs SG

with Configurable Optimized Range Setting

(\* requires optional flow meter)



# ONE BUTTON CONFIGURATION



# AGGREGATE MINE

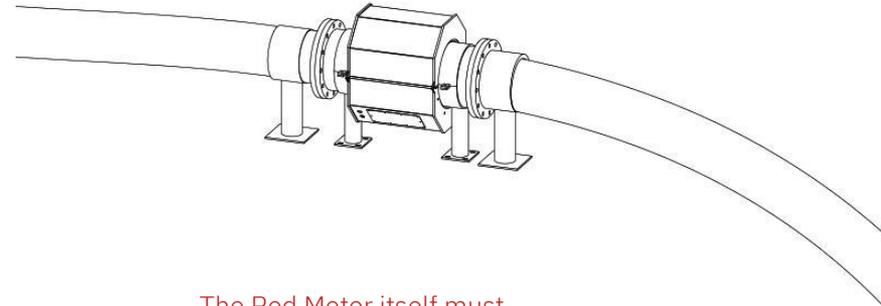
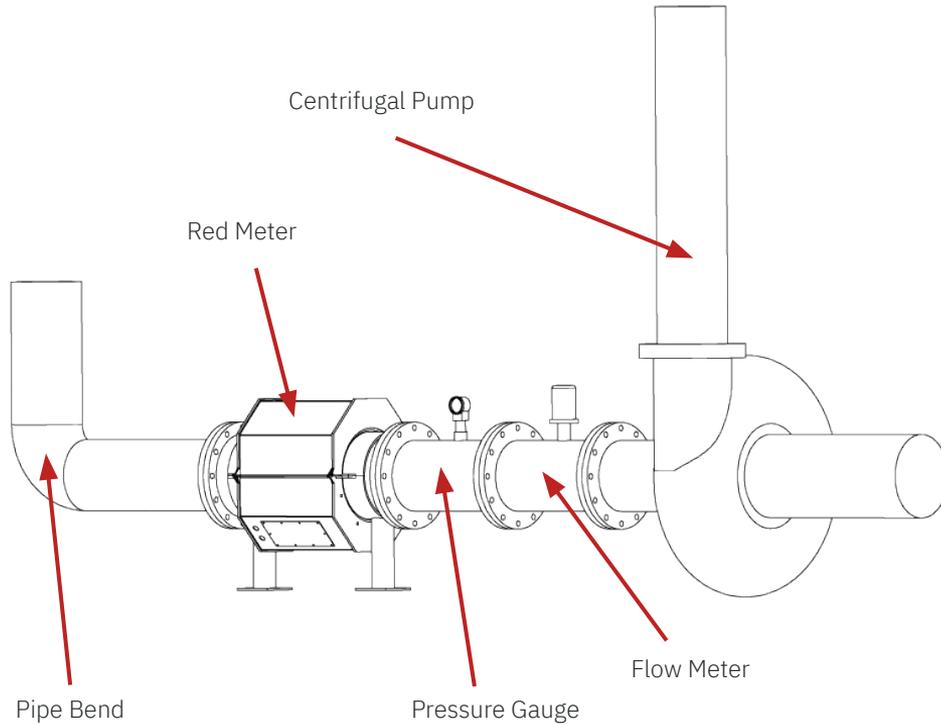
Abrasion and corrosion resistant  
cartridge.

# INSTALLATION CONSIDERATIONS

- 1 Pipe Opening and Flanging
- 2 Flange Specifications
- 3 Secure Base for Pipe Supports
- 4 Available Power Supply
- 5 Available Connectivity



# INSTALLATION EXAMPLES



The Red Meter itself must be horizontal, however the pipe it attaches to can bend or flex without issue.

# EASY TO INSTALL

Bolt in installation



# MOBILE BASE

Density meter + flow meter on a single, mobile base.



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