



LIMESMARTPUMP



LIME INSTRUMENTS

1187 BRITTMOORE ROAD

HOUSTON, TEXAS 77043

WWW.LIMEINST.COM

24 HR SERVICE 1.888.991.LIME

LIMESMARTPUMP is designed to improve operational performance by helping to extend the life of fluid ends and reduce NPT for frac pumps.

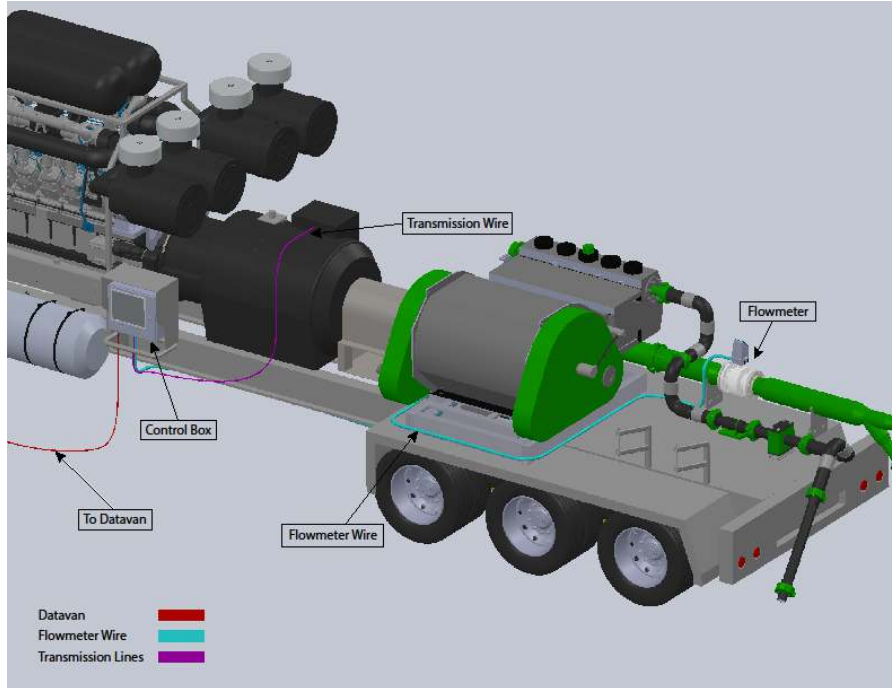
- Accurate suction flow measurements at the pump
- Pump efficiency display
- Pump cavitation alarm notifications based on suction flow and discharge calculations
- Helps reduce fluid end failures
- Remote real-time data streaming to the data van and/or web portal
- Works with any pump vendor

Patent Pending

LIME INSTRUMENTS

LIMESMARTPUMP REAL-TIME FLUID MONITORING

The LIMESMARTPUMP system accurately measures the suction flow coming into a pump in real time. Alarm notifications are sent to pump operators so that pump operators have the tools necessary to help prevent cavitation and protect fluid ends.



Real Time Flow Measurements

- Accurate suction flow measurements with no head loss.
- In-line density measurements allows the system to tell pump operator actual fluid available for pumping.

Early Detection of Cavitation

- Alarm notifications sent to pump operator - based on suction flow and discharge calculations
- Early operator actions can help protect fluid end

Pressure Measurements – Suction Manifold

- Standard on Lime pump controls.
- Optional for stand-alone systems

Remote Capabilities

- Real time data monitoring from the data van and/or web portal
- Pump efficiency display
- Post job pump report

Works With any Pump Vendor

Works With any Pump Controls System

- Integrated with Lime pump controls
- Stand alone use with 3rd party controls

Patent Pending



BUILDING LEADING-EDGE CONTROLS AND INSTRUMENTATION SYSTEMS