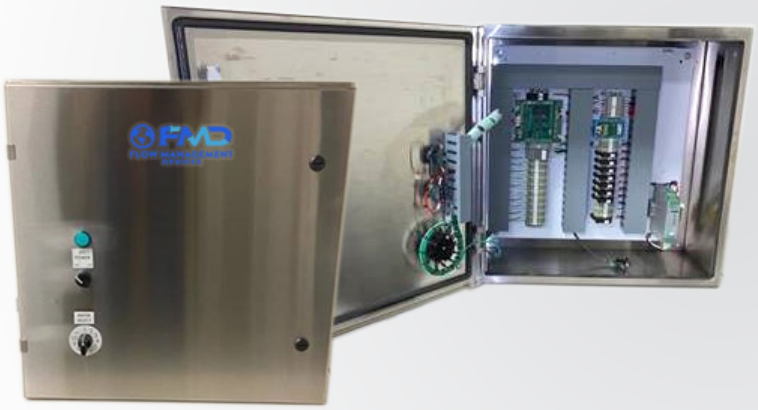
FMD Prover Data Acquisition (PDAQ) Module



What is a FMD Prover Data Acquisition (PDAQ) Module?

The FMD Prover Data Acquisition Module, other wise know as a PDAQ, interfaces with meters to allow proving and calculations without a full flow computer.

What does it do?

The PDAQ can be used with the following prover types:

- Unidirectional or Bidirectionable
- Piston Provers
- Master Meter Provers

The FMD PDAQ performs the following functions:

- Analog Signal Acquisition
- Double Chronometry
- Meter Totalization during Proving Runs

What software applications does the PDAQ work with?

The PDAQ is compatible with:

- PROVEit Software
- TinBox

What applications is the PDAQ frequently used for?

The PDAQ eliminates the need for a large dedicated flow computer and is ideal for portable prover applications or applications in which proving is isolated from normal operations.

FMD PDAQ Features Include:

- 25 MHZ Mix signal CPU with Flash Memory
- 6 current inputs
  - 4-20 mA scalable (16 bit ADC)
- 2 voltage inputs
  - 0-2.5 V (16 bit ADC)
- 2 Double Chronometry Channels
  - 2-20 Khz Pulse
- 1 Frequency Input
  - Densitometer 0-4 Khz
- 2 Mounting Configurations
- 6 Condat Compatible prover status, start and volume pulse IO
- RS232/485/USB IO Condant/PROVEit protocols
- Power Input 8-32 VDC (less than 2 watts)

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Stationary 10 Meter PDAQ Kit: A03-000097-000

- Allows for operation of the prover from wherever panel is mounted.
- Remote mounted separate from prover like a standard flow computer.
- 10 meter inputs and prover analog inputs ran to terminals in enclosure.
- Launch, volume pulse, and 24 VDC to prover from enclosure.
- No ProveIt software

Freestanding 10 Meter PDAQ Kit: A03-000000-000

- Generally used with portable provers.
- Allows for operation of the prover from wherever the box is located.
- Mobile design for use at multiple locations.
- 2 meter inputs and prover analog inputs using circular connectors and cables.
- Launch, volume pulse, and 24 VDC to prover from box.
- No ProveIt software

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