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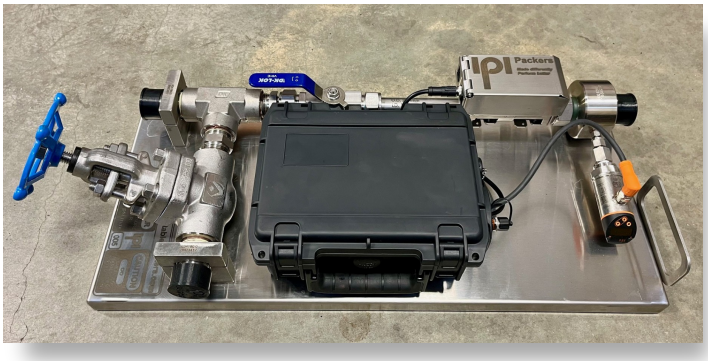
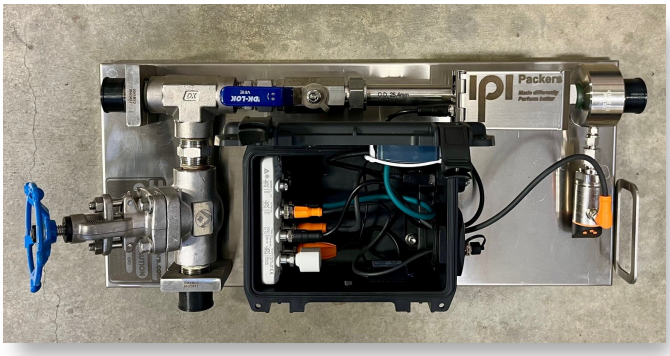
Portable Digital Flow Skid

Product Description:

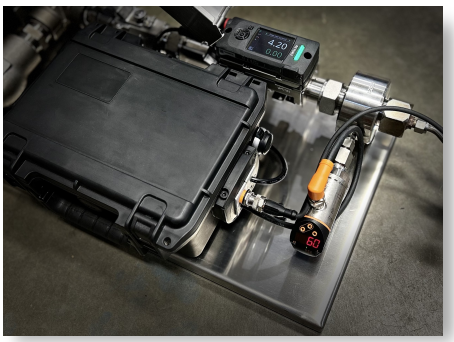
The Portable Digital Flow Skid is a compact, stainless-steel system designed for accurate and reliable permeability testing operations in the field. Integrated with **IPI FlowPRO™ software**, it provides precise flow and pressure control with robust data acquisition for a wide range of hydrogeological and geotechnical testing applications.





Applications:

- Permeability testing
- Injection testing
- Lugeon testing
- Hydraulic Conductivity testing
- General controlled-flow groundwater and formation testing
- Hydraulic Fracturing
- Diagnostic Fracture Injection testing (DFIT)
- Hydrojacking



Independent digital flow and pressure readouts enabling manual data recording

Benefits:

- Integrated **IPI FlowPRO™ software** for real-time flow and pressure data
- High measurement accuracy for reliable field testing
- Digital pressure transducer for precise pressure monitoring
- Ultrasonic flow meter with digital readout and no internal moving parts
- Easy-to-use flow control valve with bypass and return-to-tank functionality
- Robust stainless-steel construction for durability and corrosion resistance
- Bluetooth data backup via the Monero Blue mobile application
- Optional Ethernet connection for direct data acquisition

Heavy duty transport case

Specifications:

	DFM-1500	DFM-5000
Max. Pressure Rating	1,500 psi (103 bar)	5,000 psi (345 bar)
Flow Range	0-100 L/min (0-26.4 GPM)	
Flow Measurement Accuracy	±0.3 L/min (+0.08 GPM) for 0-10 L/min (0-2.64 GPM) ±3% of reading for 10-100 L/min (2.64-26.4 GPM)	
Flow Control Valve	Globe Valve	Needle Valve
Downstream Shut-In	1" Ball Valve	
Connections	1" Stainless Steel #16 Male JIC	
Power Supply	Universal 110-240 V	

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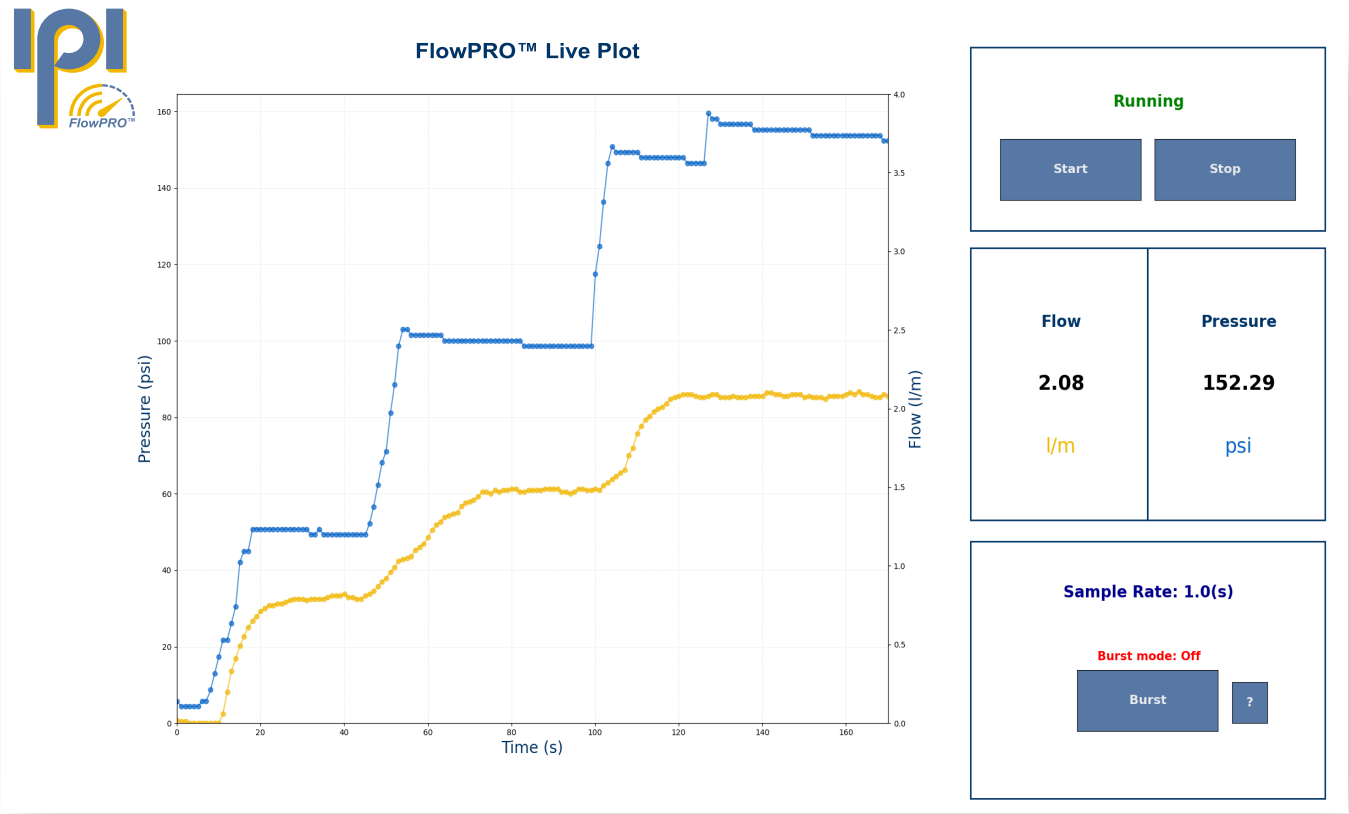
FlowPRO™ Real-Time Data Acquisition Software:

IPI FlowPRO™ is a proprietary data acquisition platform engineered for high-precision field testing. Designed to work seamlessly with the Portable Digital Flow Skid (DFM-1500 and DFM-5000), FlowPRO™ provides real-time visualization and recording of flow volume and pressure, giving operators immediate confidence in test analysis and data integrity. Intuitive live plots, robust data capture, and flexible connectivity options transform raw measurements into reliable, actionable insights directly in the field. FlowPRO™ is designed to integrate seamlessly with IPI testing tools, including SWiPS® and STX, enabling a fully connected testing ecosystem.



Real-time flow and pressure visualization from the proprietary **IPI FlowPRO™ data acquisition software**

Key Features:

- **Real-time flow and pressure acquisition:** for immediate data analysis
- **Configurable logging intervals:** from high-frequency logging to long-duration testing
- **Live data visualization:** of flow and pressure response for instant interpretation and action
- **Secure data storage and export:** for post-test analysis and reporting
- **Seamless integration with our leading testing tools:** SWiPS® and STX