

# Data Acquisition Units



## Description

The PTS IDEA intelligent data acquisition and analysis system is designed to monitor and record all pertinent well and well test equipment data.

## Features & Benefits

Up to 256 data entry processes including (as required) WHP, WHT, CP, pressure/temperature upstream and downstream of choke manifold, line pressures, separator pressure, separator temperature, gas line temperature, gas DP, gas rate, oil line temperature, oil flow rate, water flow rate, heater flowline temperature in/out, surge tank pressure/temperature, tank volumes, flare volumes, ESD, H2S, CO2, sand monitoring, and other ESD air pressure alarms.

Available:  
- Remote Monitoring  
- Well Test Analysis Software

## Applications

- Well Testing
- Frac Flowback
- Pumping Operations
- Coiled Tubing
- Underbalanced Drilling



## Operating Specification

CABIN DIMENSIONS L x W x H	12.34 ft. x 7.87 ft. x 7.87 ft.
DAU COMPUTER	Laptop, Windows-based (with back-up)
SOFTWARE	Field notes or GE Fanuc iFIX
TRANSDUCERS TYPE	X-proof/Wireless/Strain
PRESSURE RANGERS	20, 10, 5, 1k, 150 psi
TEMPERATURE RANGERS	(-40 TO 250° F)
TRANSDUCER BACK UP	Full redundancy sparing
POWER BACK UP	Battery built UPS system