Portable high-performance data acquisition system for aeronautics research:

- 200 Hz sample rate
- Size: 162 x 131 x 43 mm
- High accuracy GNSS-aided INS
- 12 ultra-low noise analog channels with configurable gains to measure stick or control surface positions and forces
- RTD front-end for OAT measurement
- Integrated pitot-static pressure transducers
    - Range: 0 – 340 knots | Accuracy: 1 knot
- Integrated estimation and filtering
- Symvionics IADS interface for creating real-time displays and analysis
- Flight Test Engineer interface for synchronizing data with flight cards
- USB powered with options to power from battery pack or aircraft
- Simple web-based configuration
- Storage for hundreds of hours of flight data, output in CSV or MATLAB format
- Developed and flight validated with the International Test Pilots School (ITPS) to support test pilot and FTE training and flight test programs
- Designed and assembled in the USA, ITAR free