



HANS RUDOLPH, inc.

LEADERS
IN QUALITY
RESPIRATORY
HEALTHCARE
SOLUTIONS

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691709 Rev. A

HANS RUDOLPH, inc.

Series 1140

SmartLab™
with Insight™
Software

Hans Rudolph, inc. is excited to announce its latest product—a data acquisition system called SmartLab™ with Insight™ Software. The SmartLab™ Instrumentation System with Insight™ Software is a flexible system for use in making measurements of respiratory signals. It is a modular system that can be configured for a variety of measurements.

- The main unit can accept up to four sensor modules.
- Measures flow from Rudolph Pneumatichs and other flow sensors.

- Measures airway and other pressures.
- Can accept and measure voltage input from an external device.
- NEW Skin Conductivity module *Used in panic induced research studies
- Optional Inputs include an oximeter, CO2 & O2 sensors, temperature and digital I/O.

The PC software provides real time graphs and calculations of many common respiratory parameters. Data can be saved for analysis or replayed. Custom software modules can be developed for special applications.



THIS DEVICE IS FOR RESEARCH PURPOSES ONLY

Common Components Sold with SmartLab™ System to complete respiratory circuit

- Disposable and Reusable masks
- Nose Clips & Mouth Pieces
- Two-Way Non Rebreathing Valves
- Non-Diffusing Gas Bags
- Rudolph Pneumatich Flow Sensors
- Volume Calibration Syringes
- Balloon Valves and Controllers



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