Data Logger for Compressed Air Audits

- Fast and easy onsite setup of data logger system
- Quick evaluation using many graphs & tables
- 1 second data recording, zoom in functionality
- Merge multiple compressor rooms into one overall audit
- Memory can store more than 365 days of data
- 8 channels per data logger (inputs 4-20 mA)
- Perfect to verify savings for utility incentive programs
- System Benchmarking (kWh/100CFM)
- USB port for easy data transfer

Evaluation & Report Writing Software

System Data
Universal setup in metric or imperial capacity in CFM, m3/min HP, KW, energy cost in $/kWh.

Measured Data
CF, KWh (load, unload, total) , distribution in %, Key Performance Indictor (kWh/100 CFM), min/max/average CFM, KW, PSI and system utilization.
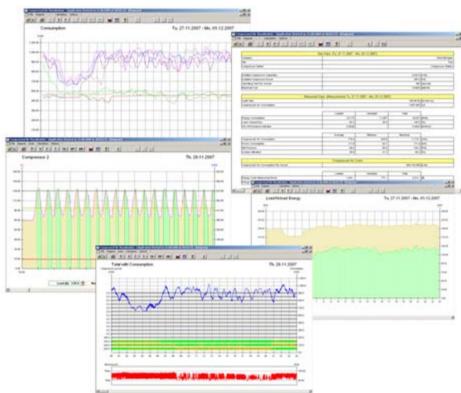
Calculated Data
Annual CF usage, energy cost used in measured period, annual energy cost projection, cost for 1000 cf.

Graphs
Pressure, load, unload, flow, Ampere, KW, universal setup in metric or imperial capacity in CFM, m3/min HP, KW, energy cost in $/kWh.

Tables
CF, KWh (load, unload, total), cost, motor starts, load cycles, flow rates and more.

Universal Units of Measure (4-20mA):
- Any Sensor with a 4-20mA output can be measured and evaluated.
- User defined units of measure and scale of input signal.
- Sensor types: e.g. differential pressure, pressure, KW, Ampere, flow, in/outdoor temperatures, process temperatures, and dew point.

Accessories for compressed air management

Flow Meter (Thermal Mass)

Dew Point Meter

Differential Pressure and Pressure Sensors

KW (current transducer)

Oil Sensors and Medical Breath Sensors

Temperature Probes

Ampere (current transducer)