The Highest Level in
Calibration Station

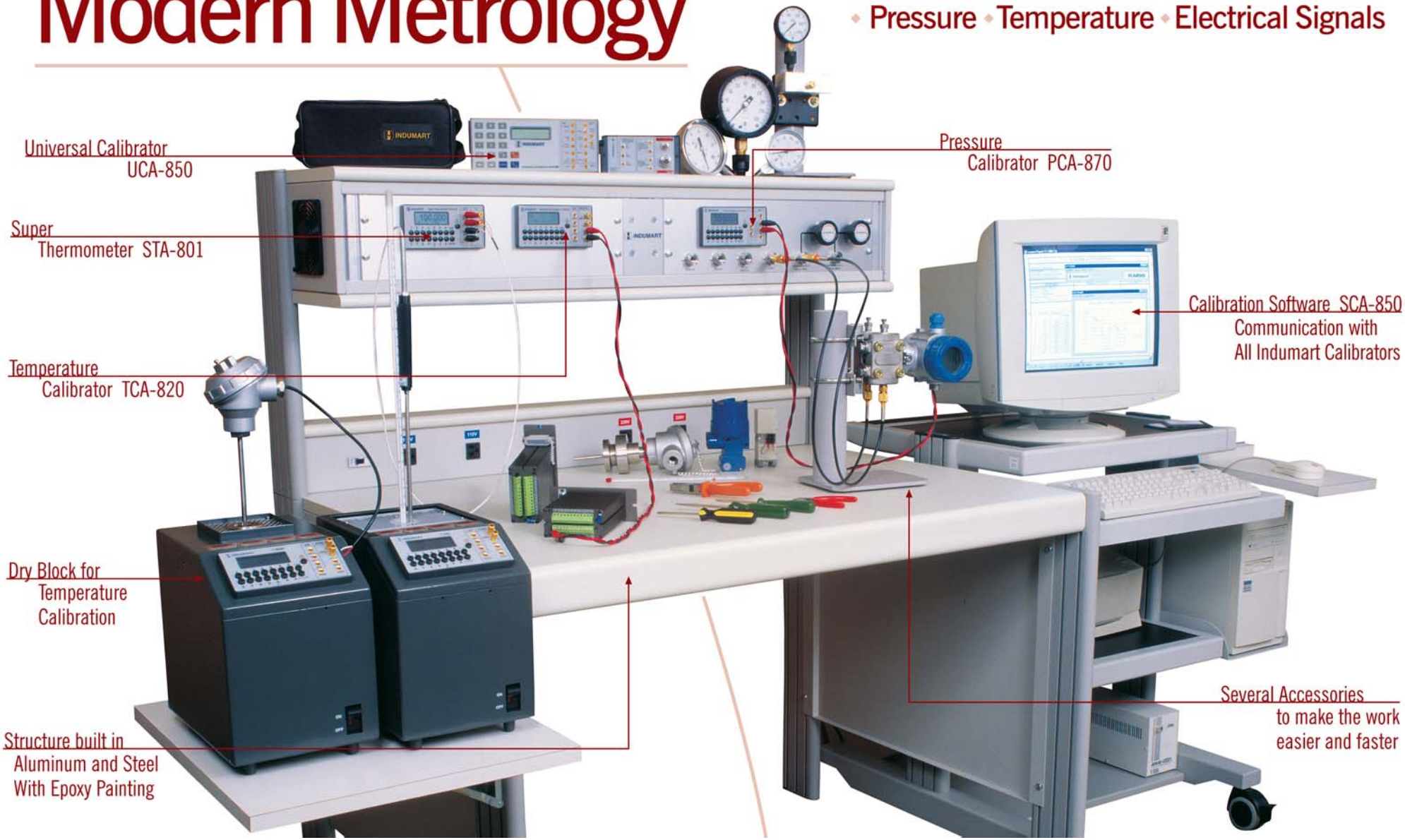
Computer-Aided Calibration Unit Concept

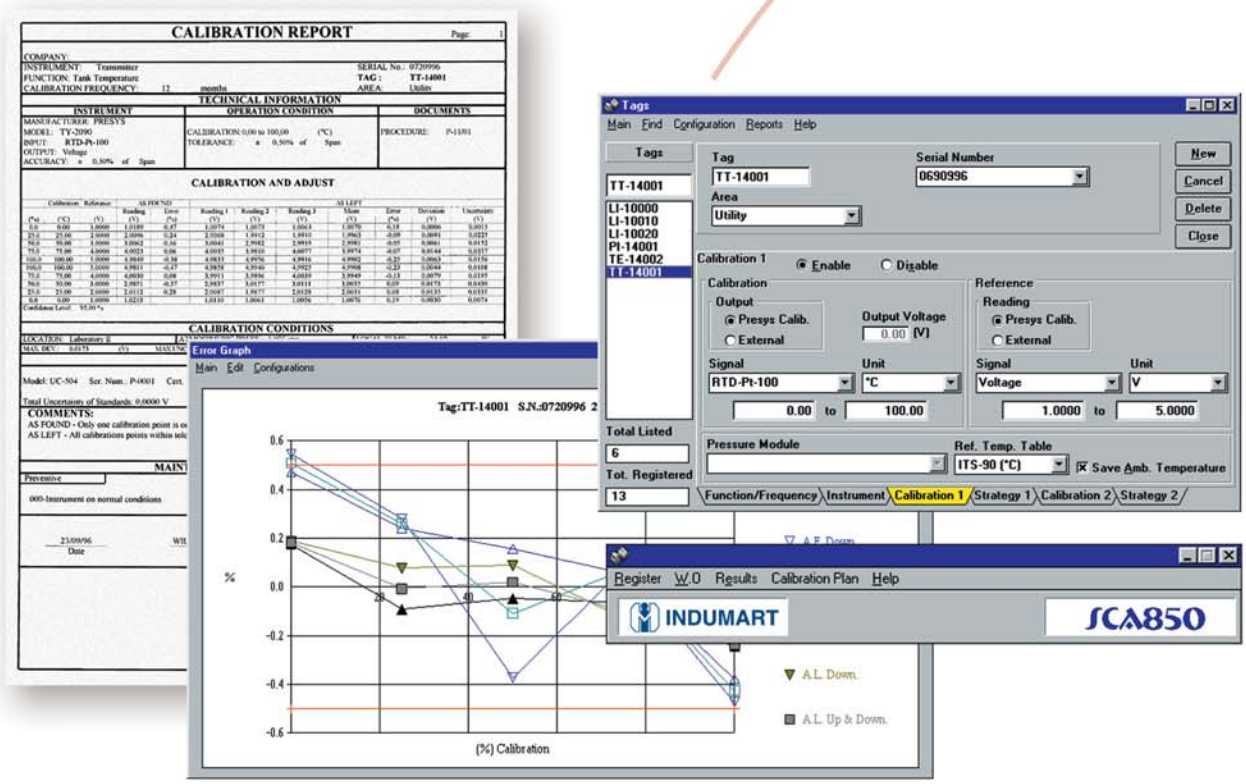
INDUMART

Top in Modern Metrology

Solutions for:

• Pressure • Temperature • Electrical Signals





Calibration Software

SCA-850

SCA-850 Calibration Software was developed to automatize and manage instrument calibration processes together with INDUMART calibrators:

- Allows the registration of instruments and sensors, calibration standards and factory areas and also the choice of engineering units and signal type to be used in calibrations.
- Brings more efficiency to the organization of calibrations through work order concepts.
- Prints calibration reports and certificates, as well as error graphics and calibration history.
- Sends and receives calibrator information by means of serial communication.
- Runs in Windows™ and it is easily operated.

SCA-850 makes possible the Documenting Calibration System accomplishment by means of information shared with INDUMART calibrators, allowing data handling through report and certificate issues, automatic management of tasks, registration of process instruments and sensors, organization and storage of data for an overall coverage of quality procedure requirements, specially those related to ISO 9000. SCA-850 allows the specification of work orders with calibration strategies of several instruments to be calibrated. Through its intructions, the calibrators perform the correct sequence for the calibration of all points and, when it is necessary, organize the data input to be provided by the operator. In the field, the calibrators have sufficient autonomy to inform the operator of the measures already carried out and the deviations found during the calibration process.

Universal Calibrator UCA-850

- Measures and generates mA, mV, volts, Ohms, RTD, TC and Hz signals.
- Runs input and output operations simultaneously.
- Compact, portable, operates with batteries (rechargeable batteries, charger, carrying case included).

Pressure Calibration Center PCC-5070

- Complete set for pressure calibration, including calibrator, regulator valves, multi-way valve and connection block, assembled in a handy high resistant plastic box.

Temperature Calibrator TCA-820

- Measures and generates mV, TC, Ohms and RTD, besides measuring mA.
- Special function for transmitters calibration. It converts mA reading into the transmitter temperature input range.

Pressure Calibrator PCA-870

- Ranges from 10" H_2O to 3000 psi of gage or absolute pressure, including vacuum and differential pressure between any pair of sensors.
- Up to 4 pressure sensors.
- Accuracy of 0.05% of reading.

Dry Blocks for Temperature Calibration

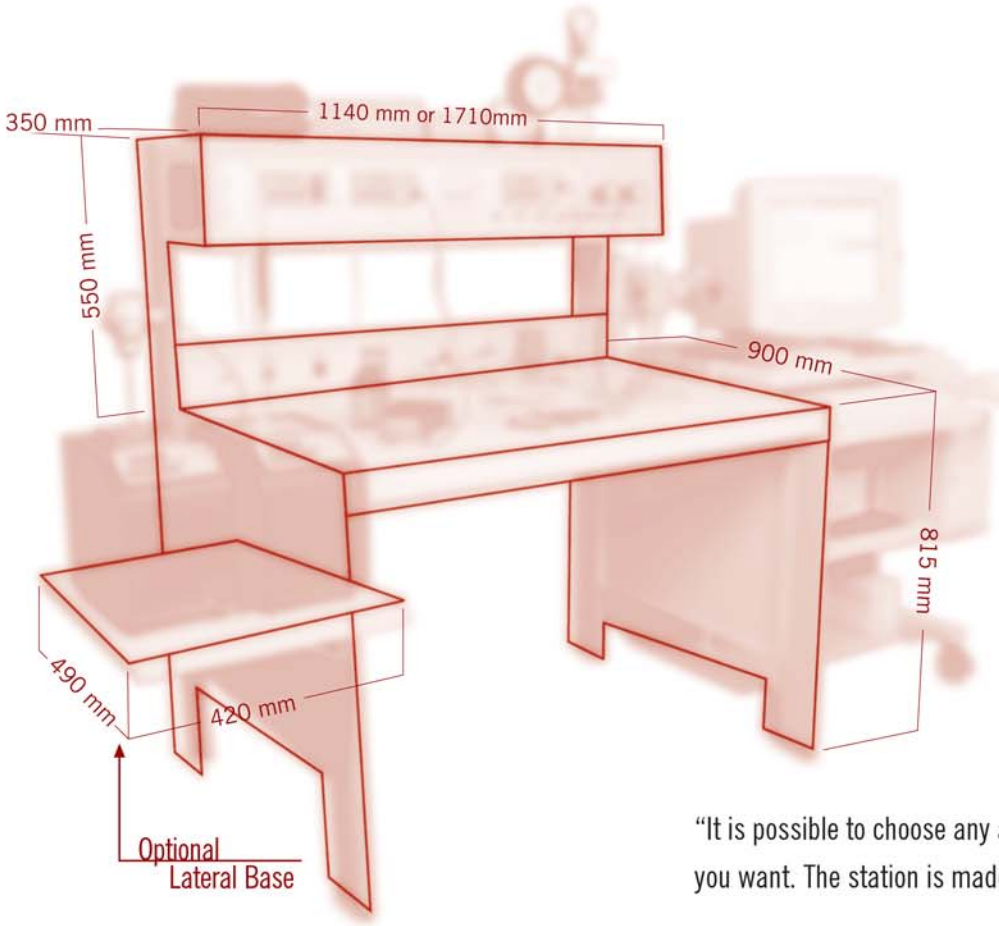
- T-25N model generates temperatures from -25°C to +125°C, models T-350P and T-650P generate from ambient temperature to 350°C and 650°C.
- Accuracy up to ±0.1°C , 0.01°C resolution.
- Accomplish fully automatic calibrations with orwithout the use of a computer.

Loop Calibrator LCA-860

- Measures and generates standard linear signals for current and voltage loops.
- Special function for transmitter calibration. It converts any input signal into any output signal.

Super Thermometer STA-810

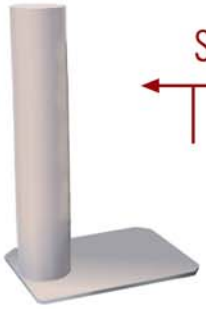
- Standard thermometer, 0.001°C resolution.
- Uses standard platinum resistance or thermocouple as temperature sensor.
- Accepts CVD, IPTS-68 and ITS-90 coefficients.



Dimensions and Configurations

"It is possible to choose any available calibrator and to place it anywhere you want. The station is made to meet the customer needs".

Available Accessories



Support for Transmitters or Converters in General

- Made of base and 2-inch tube includes holders and assembly board.

Manifold for Gages

- Makes easy the handling of gages and pressure-switches.
- Several types of connections available.

Tubes and Connections

- Developed to eliminate the use of tools and sealing tape, thus amazingly speeding the work.
- Long life, accepts up to 6000 psi.

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