New Standard for Field Calibration.

- Realized the highest accuracy as a portable class!
  Basic accuracy Pressure (Measure): 0.01% rdg
  Current/Voltage (Measure/Source): 0.015% rdg
- Realized the highest resolution and wide range for this class:
  200,000 counts (200 kPa)
- Embeds the calibration procedure of pressure transmitters and pressure switch.
- Sustain in severe environments by tough body with IP54 (Dust proof and Drip proof).

CA700

Volt mA Calibrator

Specialized high performance model for Loop Inspection!
- Basic accuracy: 0.015% (Source & Meas. accuracy of Voltage mA)
- 20 mA SIMULATE (Sink) function.
- Simultaneously supplies 24 V loop power and measure output signal with high accuracy.
- HART/BRAIN comm. resistance (250 Ω) embedded.
- Sub display displays span% of the source value.
- Corresponds to various types of source pattern (Step sweep/Linear sweep/Manual step/Span check).
- Corresponds to 2 WAY Power supply (AA alkaline batteries or AC Adapter).

CA310

RTD Calibrator

Specialized high performance model for RTD simulate!
- Basic accuracy: 0.3°C (Typical of PT100)
- Corresponds to 14 types of RTD standard (RTD type: Pt100, Pt200, Pt500, Pt1000, Cu10, Ni120, Pt50, Pt50G, Pt100G, Cu50M, Cu100M; Standard type: IEC/GOST R/JIS).
- Sub display displays value of resistance source and span%.
- Corresponds to various types of source pattern (Step sweep/Linear sweep/Manual step/Span check).
- Corresponds to 2, 3, 4 wire. Realizes RTD simulation.
- Measures output of RTD sensor as a thermometer.
- Corresponds to 2 WAY Power supply (AA alkaline batteries or AC Adapter).

CA330

TC Calibrator

Specialized high performance model for TC simulate!
- Basic accuracy: 0.5°C (Typical of TC type K)
  *Including accuracy of internal RJC
- Sub display displays actual value of voltage source or span%.
- Corresponds to various types of source pattern (Step sweep/Linear sweep/Manual step/Span check).
- Corresponds to other TC types by mV source function.
- Measures TC sensor output as a thermometer.
- Corresponds to 2 WAY Power supply (AA alkaline batteries or AC Adapter).

CA320

Handy Multifunction Calibrator

All in one type, highly accurate multifunction calibrator!
- Highly accurate within 0.02% of DC voltage range for source and measurement.
- Source and measurement simultaneous functions: DCV/DCmA/Ω/TC/RTD/Hz/PULSE
- Simultaneous 24 V loop power and mA measurement.
- Sweep functions (step/linear/program sweep).
- Up to 100 data memory function.
- 3 WAY Power supply:
  - 6AA size Alkaline batteries/AC adapter (sold separately)/Dedicated NiMH battery (sold separately)

CA150

http://tmi.yokogawa.com/
Power Quality Analyzer
Realizes Power Consumption and Power Quality Testing in one unit!
• Corresponds to 1P2W to 3P4W, Voltage 600 V/1000 V, Current 2 A to 3000 A.
• Measures and logs Power/Energy/Demand.
• Measures and logs malfunction of power supply: (Voltage Swell/ Dip/Interrupt/Transient/Inrush current/Harmonics/Flicker etc.)
• Start Navigation function supports wirings and settings.
• Including PC software to analyze data and manage various settings.

Handy Multifunction Calibrator
Low-cost high-performance model!
Best-selling model of the field calibrator.
• Small/compact, lightweight, high-performance and Low-cost.
• Source and measurement simultaneous function:
  DCV/DcmA/Ω/TC/RTD/Hz/PULSE
• Incorporates rotary switches for simple handling.
• Divided output (n/m) function/auto-step/sweep function.
• 2WAY Power supply:
  4 AA Alkaline batteries, or special AC adapter (sold separately)

Process Multimeter
Loop Power and 4 to 20 mA output function in a DMM!
• Simultaneous 24 V loop power and mA measurement.
• HART/BRAIN mode setting with loop power (adds 250 Ω resistance internally).
• 4 to 20 mA span/step/auto-step/sweep output.
• SIMULATE (SINK) function simulate transmitters.
• 6000 counts, DMM function.
• Compliant standards: EN61010-1 CATIV 600 V CATIII 1000 V.

CA71

Clamp-on Process Meter
Measure 4 to 20 mA signals without breaking the loop!
• 0.2% accuracy, 0.01 mA resolution.
• Dual display.
• LED torch light, backlight display.
• Broad 6 mm diameter conductor.
• Analog output available.

CA450

Low pressure hand pump kit
Extremely compact high performance hand pump.
• Pressure range: −83 to 700 kPa
• Best one with smooth pressurize function and low internal leak.
• Best for tuning pressure at low range.
• Pocket size compact hand-pump.

91050

Pneumatic hand pump kit
Wide range pressurable high performance hand pump!
• Low to middle pressure range:
  −83 to 4000 kPa
• Even stroke pressurization and one hand fine tuning realizes smooth and simple operation.
• Low internal leak.

91055

Hydraulic type hand pump kit
Capable to pressurize up to 70 MPa.
• Pressure range: 0 to 70 MPa
• Capable to pressurize by light grip operation up to high range.
• Best one with smooth pressurize function and low internal leak.

91060

Decade Resistance Boxes
Ideal for calibration of resistance thermometers!
• High accuracy and high resolution.
• High reproducibility.
• Resistance range: 0.100 to 1111.210 Ω

279301

Clamp-on Tester
Smaller clamp for AC/DC current!
• Measure up to 300 A (AC/DC).
• Measurable conductor max. 24 mm diameter.
• Lightweight & compact design.

CL220

vigilantPlant®
The clear path to operational excellence
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