

The Stellar PC420H Process Calibrator is a compact multifunction calibrator designed for testing, commissioning, and troubleshooting 4–20 mA process loops and voltage signals. It can source or simulate 4–20 mA current, source voltage up to 200 mV or 20 V, and provide 24 V loop power with simultaneous current measurement. It also includes a built-in 250 Ω HART resistor, manual/automatic step and linear ramp functions, and direct display of current and percentage of span.

FEATURES

- Sources or simulates 4–20 mA loop current
- Sources voltage up to 200 mV or 20 V
- Provides 24 V loop power supply with simultaneous current measurement
- Includes built-in 250 Ω HART resistor with loop power
- Supports step output and linear ramp output
- Multiple power supply options
- Intuitive and user-friendly operating interface
- Displays current value and % of span



TECHNICAL SPECIFICATION

Voltage measurement	Range: 0 mV to 200 mV / 0V to 24V Resolution: 10 uV / 1 mV
Current measurement	Range: 0 mA to 24 mA Resolution: 1 uA
Current sourcing	Range: 4 mA to 20 mA Resolution: 1 uA
Voltage sourcing	Range: 0 mV to 200 mV or 0V to 20 V Step or linear ramp output function: Manual / Auto Resolution: 10 uV / 1 mV
Power	Type C connector
Battery	1.5V, size AA battery x 4
Dimensions	236 x 100 x 54 mm
Weight	685 g