

SIGNAL SIMULATORS

SERIES SI



OVERVIEW

The Series SI Signal Simulators are a range of multi-channel Digital and Analog Input/ Output signal generating instruments, which can be used to generate or interrogate Digital and Analog signals in the ranges specified.

This range of microcontroller based instruments are designed using state of the art techniques in signal generation and conditioning, thus providing accurate and reliable signal and sensor sources. The instruments find applications in plant commissioning, testing and fault finding and instrument calibration. Offered in several executions like hand-held, free-standing, panel and field-mounted versions, these instruments provide accurate representation of signals calibrated from certified and traceable sources.

The Series SI Signal Simulators are designed for continuous full load operation in tough industrial environments. Additional features such as a Digital indication of Voltage, Current and other parameters, easy signal selection and settings are also provided for ease of operation. The instruments are also customized to user specifications.

All ASHE instruments carry a lifetime warranty against defects in components and workmanship.

SPECIFICATIONS

Model	SI-4R[RTD Pt-100 source]
SI-4A	[AC Current source]
SI-4F	[Frequency source]
SI-4M	[Analog Current souce]
SI-4V	[Analog Voltage source]
SI-4P	[Customized Simulator panel]
Type	Microcontroller-based Analog Signal Simulation
Execution	Hand-held / Desk-top / Floor-standing.
Power Supply	Battery powered / 230 VAC, 50 Hz.
Accessories	Power Cord, Interconnecting Cables.
Indication	Alphanumeric / Digital display, LEDs, etc.
Settings	Keyboard interface.
Traceability	Calibrated by traceability certified signal source.
Ambient Temp.	0 to 50 °C.

FEATURES

- Microcontroller based Analog sources
- Traceability certified
- Hand-held or Desk-top executions
- Reliable signal simulations
- Temperature signal conversions
- Very low power consumption and heat dissipation
- RFI and EMI filters provided
- Compact and rugged 1U enclosure
- Configurable Voltage, Current and Resistance
- Aesthetically designed slim execution
- Proven record of hundreds of installations
- Lifetime warranty on design and workmanship