

EUROPE FORMAT RACKS : SX 9000 SERIES



RANGE OVERVIEW

The SX9000 Series features various models of Europe format cards, for signal conditioning of sensors, such as : LVDT, half bridge, wheatstone bridge. Output signals are either analogue (± 10 V, 0-10 V or 4-20 mA) or digital (RS232 or RS485).

Zero & Gain are adjustable by potentiometers, on the front panel of the cards.

These cards can easily be integrated in pre-wired racks, that also include a power supply card.

Sensor connection (power supply, signal...) is made directly at the back of the rack, on SUB-D connectors.

Values obtained from each measurement channel may be displayed on a ± 32000 points programmable display with switch selector, available as option (SX9800 card)

Two rack formats are available : 19" 3U and 1/2 19" 3U.

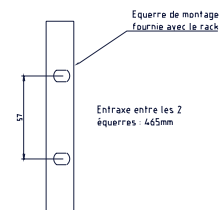
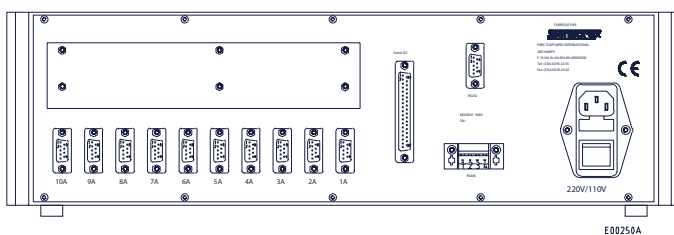
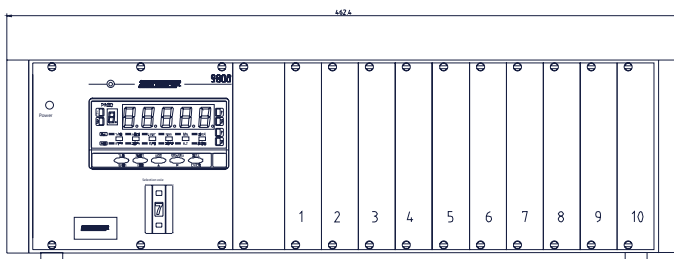
This SX9000 series is the ideal tool for your test bench / laboratories integration.

SX9003 : 19" 3U RACK, SLIDE IN OR STAND ALONE

For integration of 10 signal conditioning cards + 1 display card with switch selector (SX9800).

Main features :

- 1 Pre-wired base card, ready to accept up to 10 measurement channels
- 1 power supply card : 110-220 VAC / ± 15 VDC
- 1 led for voltage indication
- 10 SUB-D9 connectors for sensor connection
- 1 SUB-D37 connector for analogue output signals (voltage & current)
- 1 SUB-D9 connector for display card RS232 output (SX9800)
- 1 plug + 2m power supply cable
- Aluminium case with 2 handles on front panel, and 2 mounting cleats for slide-in installation.



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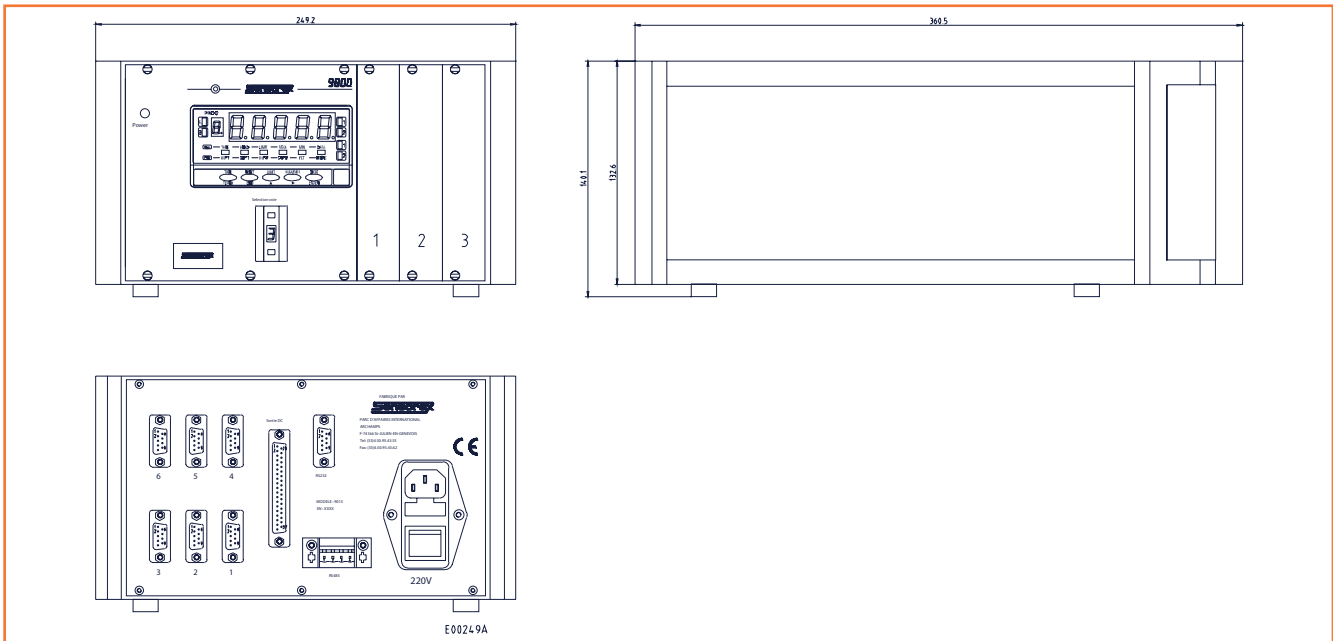


SX9013 : 1/2 19" 3U RACK, SLIDE IN OR STAND ALONE

For integration of 6 signal conditioning cards, or 3 signal conditioning cards + 1 display card with switch selector (SX9800).

Main features :

- 1 Pre-wired base card, ready to accept up to 6 measurement channels
- 1 power supply card : 110-220 VAC / ± 15 VDC
- 1 led for voltage indication
- 6 SUB-D9 connectors for sensor connection
- 1 SUB-D37 connector for analogue output signals (voltage & current)
- 1 SUB-D9 connector for display card RS232 output (SX9800)
- 1 plug + 2m power supply cable
- Aluminium case with 2 handles on front panel, and 2 mounting cleats for slide-in installation.



SELECTION GUIDE FOR RACKS & CARDS

Ref.	Description	Size
9003	19" 3U pre-wired rack	84 F (427 mm)
9013	1/2 19" 3U pre-wired rack	42 F (213.3 mm)
9130	Universal LVDT, 1/2 bridge & RDVT conditioner card, single channel, differential & ratiometric mode	5 F (25.4 mm)
9300	Wheatstone bridge conditioner card, single channel	5 F (25.4 mm)
9800	Display card ± 32000 points, 10 position switch selector	27 F (101.6 mm)

MOUNTING & CALIBRATION

For an order of a rack + cards + Sensorex LVDTs, all connectors are factory mounted, each measurement channel is individually calibrated, and test reports are provided.