

Product Datasheet - Technical Specifications



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Portable automatic cable tester

SYNOR 5000-D

Maximum test points number	Up to 384 points	
Maximum switching cards number	3	
Tests types performed	Continuity, Isolation, Dielectric, Functional, and Components	
Main power supply	115-230 VAC ±15 % 47 to 64 Hz / single-phase	
Entry Power	40VA à vide - 300 VA max. par coffret	
Temperature range	Storage: -10°C to +60°C Operation: 0°C to +45°C Specifications guaranteed after a 1/2 hour warm-up and relative humidity <50%	
Altitude	Up to 2 000 m	
Relative Humidity	90 % max. by 31°C	
DIMENSIONS Height Width Depth Weight	375 mm 520 mm 560 mm 25 kg	
Security class	Class 1 (ground connection)	
Overvoltage category	CAT II	
Pollution Degree	2	



ADVANTAGES

- **Portable, compact, and standalone unit in a metal enclosure** (operates with or without a computer)
- 19-inch rack
- **WINPASS software:** compatible with all versions of Windows, multilingual on request
- **Connector outputs: selectable**
- Calibration box: SY5000-CAL
- **Switching cards: optional**
- Compatible with: SYNOR 4200 series
- Ethernet, PLC interfaces
- **Options and accessories available**

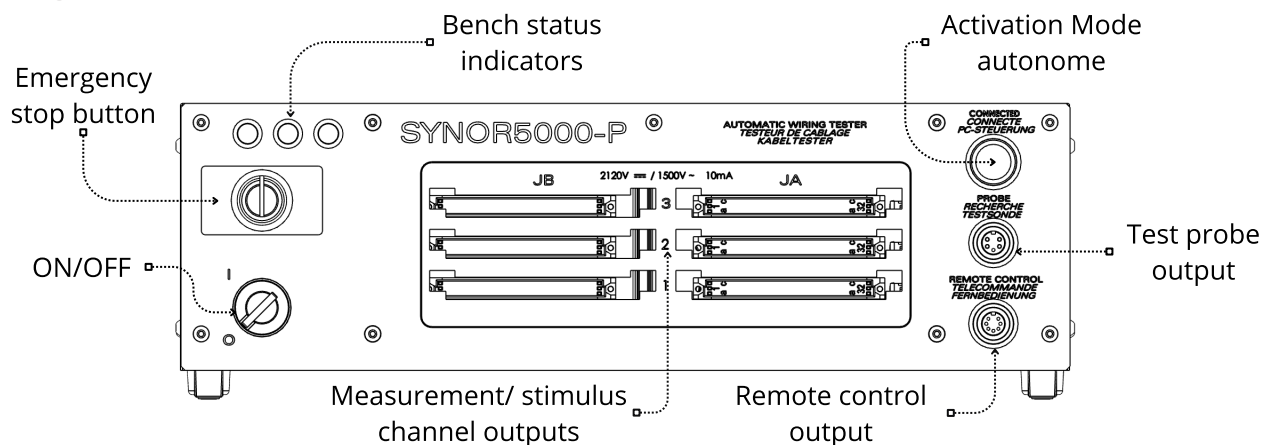
APPLICATIONS & INDUSTRIES

- Railway
- Military
- Production & Laboratory
- Aerospace / Space
- Cable, harness, and connector manufacturers

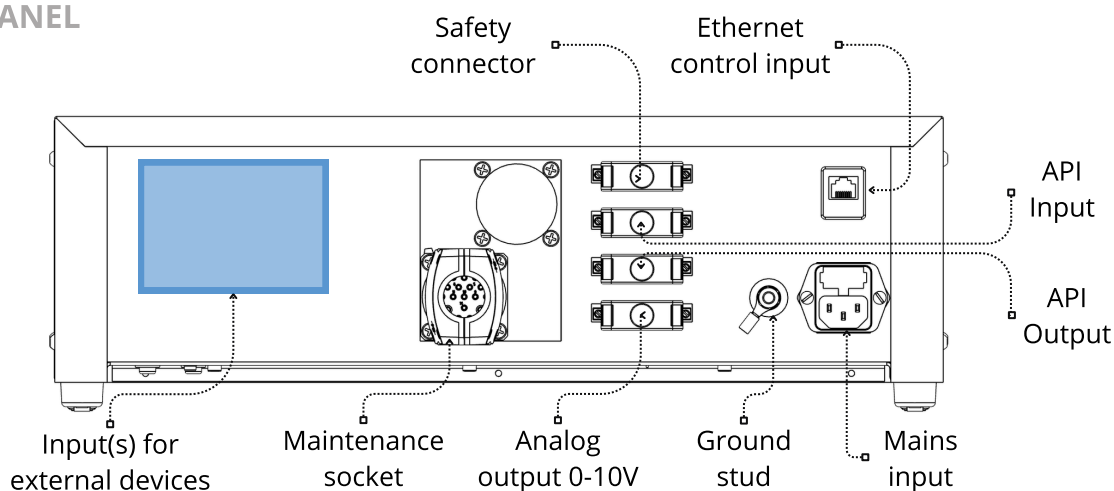
For more technical information on the SYNOR 5000-P, including details on tests, switching cards, accessories, and available options, you can refer to the overview of the SYNOR 5000 series.

DESIGN

FRONT PANEL



BACK PANEL



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Discover our product ranges:



Automatic cable tester SYNOR

- From 8 to 140,000 test points
- Continuity in 2 and 4 wires up to 10A
- Isolation up to 5000V DC
- Dielectric strength up to 4000V AC and 5500V DC
- Configuration: in cabinet or compact case, mobile or remote



SCANNER 64-SC

- High density: 8 to 512 channels
- Maximum voltage: 5kVAC 500VA and 6kVDC
- Insulation: up to 200GΩ under 1000 VDC
- Ground continuity: up to 32A AC max.
- Compliant with: IEC 61010-2-034



SEFELEC 5X

- Dielectric strength: 5 kVAC and 6 kVDC with a power of 50 or 500VA
- Insulation measurement: under 1000VDC for measurements up to 2 TΩ
- Ground continuity control: under 32A or 50AAC