



SYNOR 5000-D

Technical data sheet

Automatic cable tester

SYNOR 5000-D

| | |
|---------------------------------------|--|
| Maximum test points number | Up to 2048 points  |
| Maximum switching cards number | 16  |
| Tests types performed | Continuity, Isolation, Dielectric, Functional, and Components  |
| Main power supply | 115-230 VAC $\pm 15\%$ 47 to 64 Hz / single-phase |
| Entry Power | 40VA à vide - 300 VA max. par coffret |
| Temperature range | Storage: -10°C to $+60^{\circ}\text{C}$ Operation: 0°C to $+45^{\circ}\text{C}$ 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 | 375 mm |
| Width | 520 mm |
| Depth | 560 mm |
| Weight | 25 kg |
| Security class | Class 1 (ground connection) |
| Overvoltage category | CAT II |
| Pollution Degree | 2 |

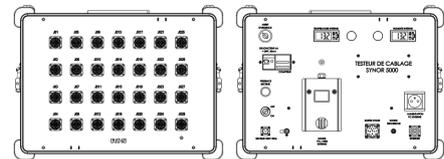


For more technical information on the SYNOR 5000-D, including details on tests, switching cards, accessories, and available options, you can refer to the overview of the SYNOR 5000 series.



ADVANTAGES

- Robust enclosure suitable for field or embedded applications
- Possibility to extend the number of points by adding SYNOR 5000-DS enclosures
- Custom configuration available



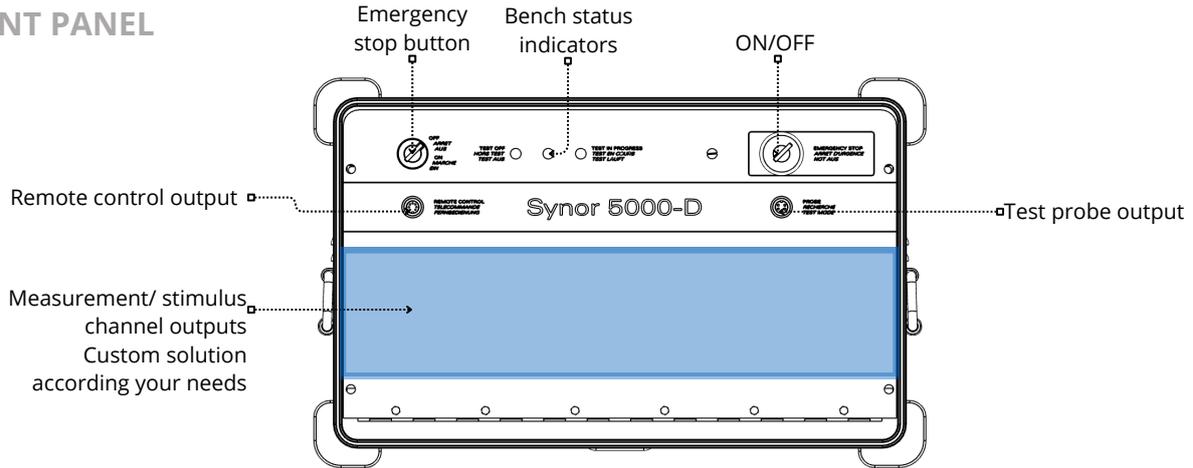
- Operates with an integrated or remote computer
- 19-inch rack
-  • WINPASS software: compatible with all versions of Windows, multilingual on request
-  • Connector outputs: selectable
- Calibration box: SY5000-CAL
-  • Switching cards: optional
- Compatible with: SYNOR 4200 series
- Ethernet, PLC interfaces
-  • Options and accessories available

APPLICATIONS & INDUSTRIES

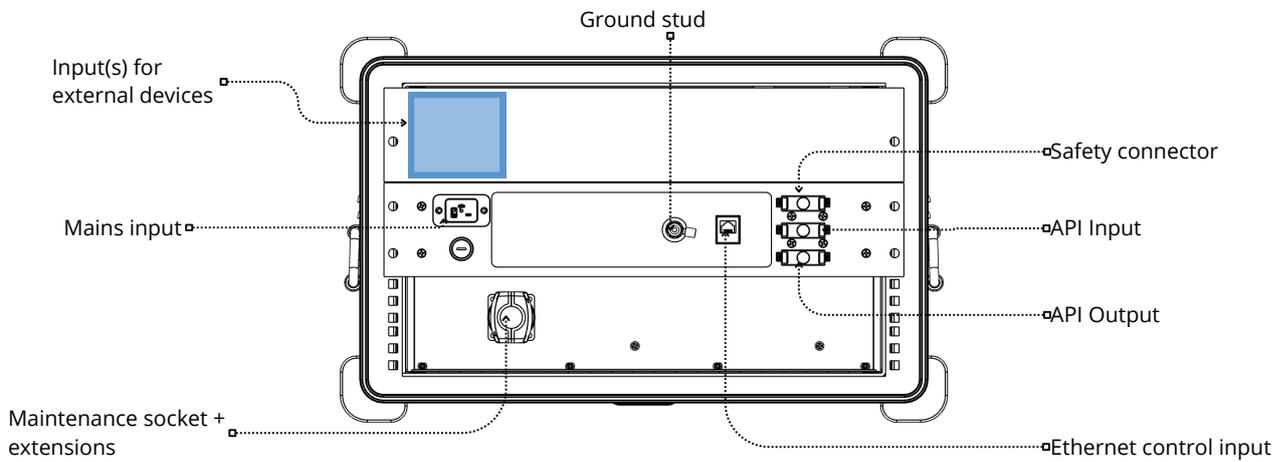
- Railway
- Military
- Production & Laboratory
- Aerospace / Space
- Cable, harness, and connector manufacturers

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