



# SYNOR 5000-R

## Technical data sheet

### High voltage automatic cable tester

#### SYNOR 5000-R

<b>Maximum test points number</b>	Up to 2048 points	
<b>Maximum switching cards number</b>	16	
<b>Tests types performed</b>	Continuity, Isolation, Dielectric, Functional, and Components	
<b>Main power supply</b>	115-230 VAC $\pm 15\%$ 47 to 64 Hz / single-phase	
<b>Entry Power</b>	40VA no load - 300 VA max. per enclosure	
<b>Temperature range</b>	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%	
<b>Altitude</b>	Jusqu'à 2 000 m	
<b>Relative Humidity</b>	90 % max. by 31°C	
<b>DIMENSIONS</b>		
Height	375 mm	
Width	520 mm	
Depth	560 mm	
Weight	25 kg	
<b>Security class</b>	Class 1 (ground connection)	
<b>Overvoltage category</b>	CAT II	
<b>Pollution Degree</b>	2	



#### ADVANTAGES

- **Ideal for test benches or integration into various test systems (Synor version D and C)**
-  • **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

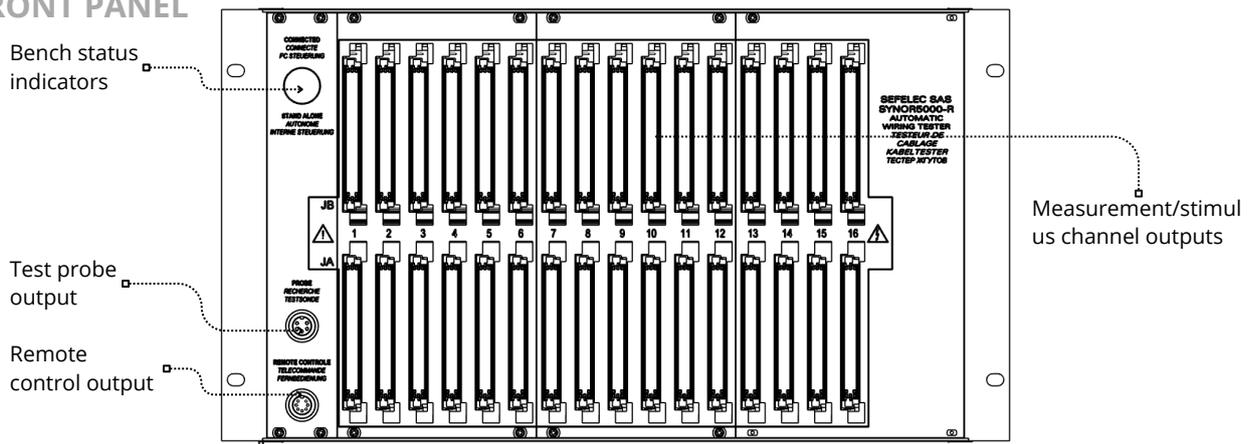
- Railway
- Military
- Production & Laboratory
- Aerospace / Space
- Cable, harness, and connector manufacturers



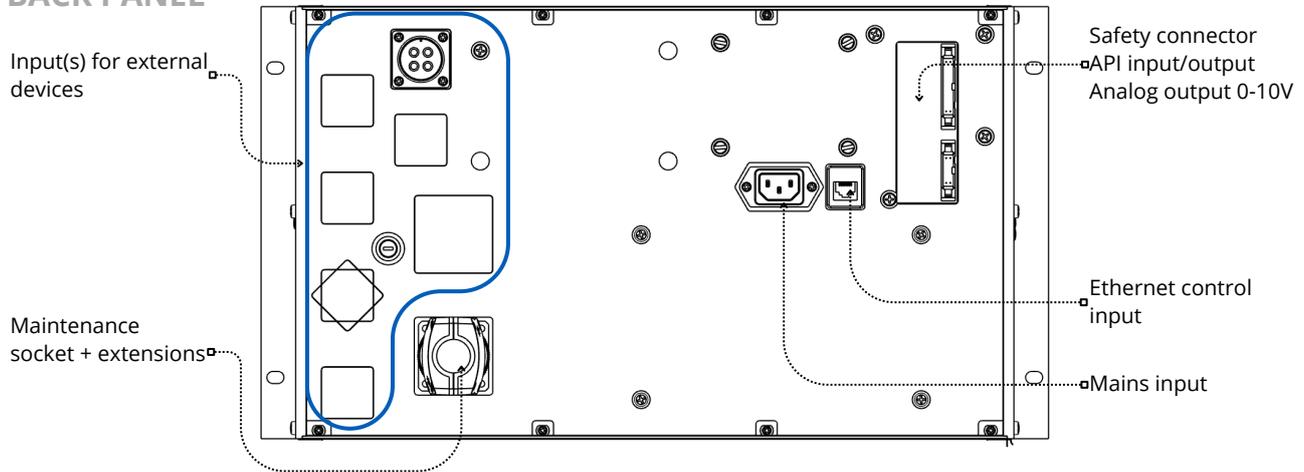
For more technical information on the SYNOR 5000-R, including details on tests, switching cards, accessories, and available options, you can refer to the overview of the SYNOR 5000 series.

## 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