

Product Datasheet - Technical Specifications



More information in our Web-Shop at ► www.meilhaus.com

Your contact

Technical and commercial sales, price information,
quotations, demo/test equipment, consulting:

Tel.: **+49 - (0)81 41 - 52 71-0**

E-Mail: sales@meilhaus.com

Meilhaus Electronic GmbH
Am Sonnenlicht 2
82239 Alling/Germany

Tel. **+49 - (0)81 41 - 52 71-0** E-
Mail sales@meilhaus.com

Mentioned company and product names may be registered trademarks of the respective companies. Errors and omissions excepted. © Meilhaus Electronic.

www.meilhaus.com



High voltage automatic cable tester

SYNOR 5000-R

Maximum test points number	Up to 2048 points	i
Maximum switching cards number	16	i
Tests types performed	Continuity, Isolation, Dielectric, Functional, and Components	i
Main power supply	115-230 VAC $\pm 15\%$ 47 to 64 Hz / single-phase	
Entry Power	40VA no load - 300 VA max. per enclosure	
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	Jusqu'à 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

- Ideal for test benches or integration into various test systems (Synor version D and C)
- i • **WINPASS software:** compatible with all versions of Windows, multilingual on request
- i • **Connector outputs selectable**
- Calibration box: SY5000-CAL
- i • **Switching cards: optional**
- Compatible with: SYNOR 4200 series
- Ethernet, PLC interfaces
- i • **Options and accessories available**

APPLICATIONS & INDUSTRIES

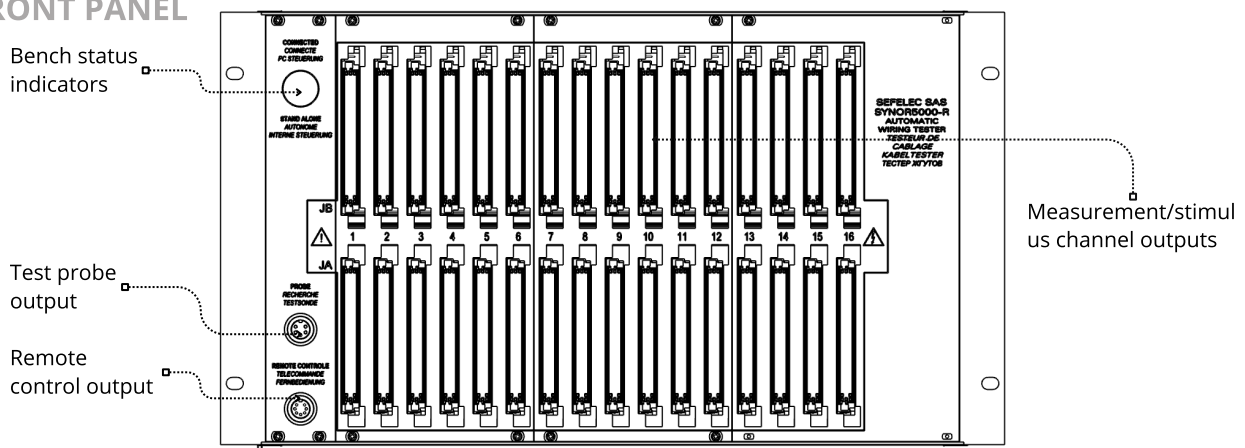
- Railway
- Military
- Production & Laboratory
- Aerospace / Space
- Cable, harness, and connector manufacturers



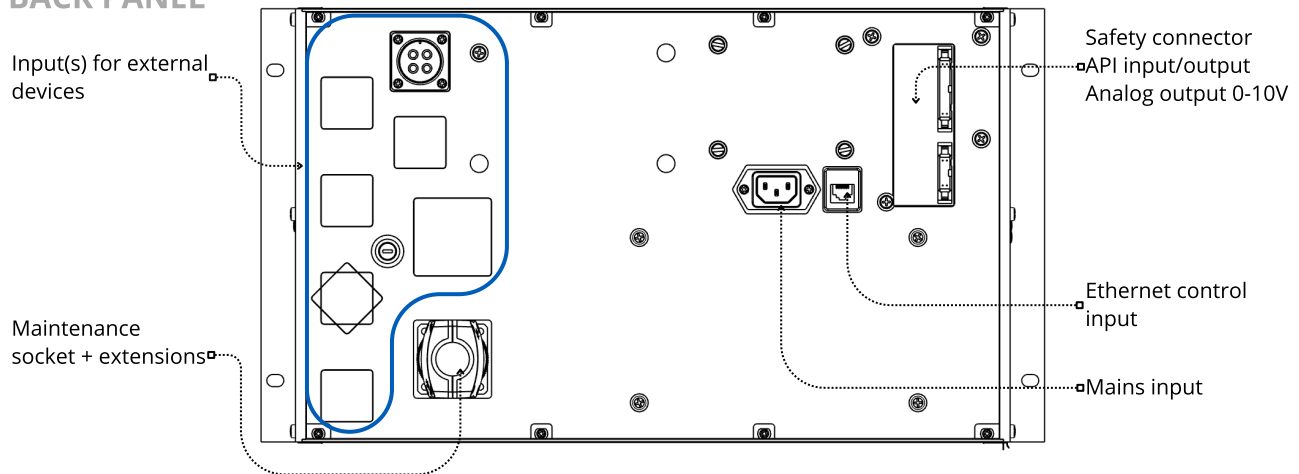
For more technical information on the SYNOR 5000-R, including details on tests, switching cards, accessories, and available options, you can refer to the overview of the SYNOR 5000 series.

DESIGN

FRONT PANEL



BACK PANEL



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.

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