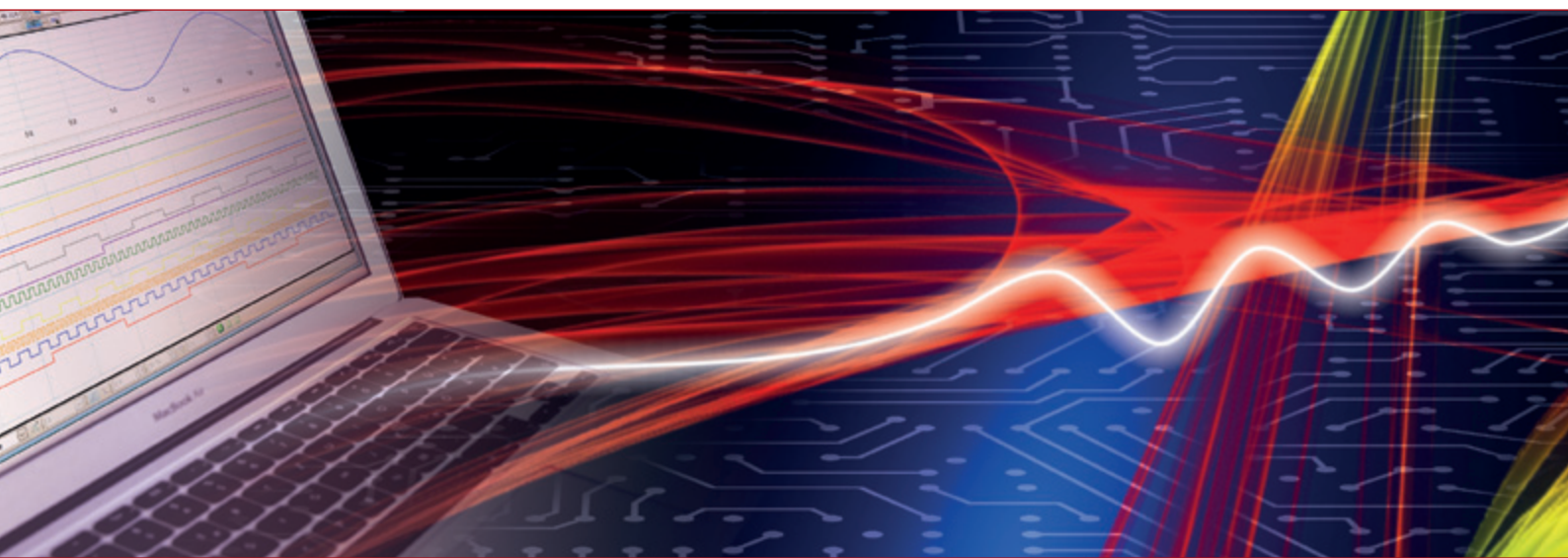


## Product Datasheet - Technical Specifications



More information in our Web-Shop at ► [www.meilhaus.com](http://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](mailto: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](mailto: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](http://www.meilhaus.com)



# Automatic cable tester

## SYNOR 5000-D

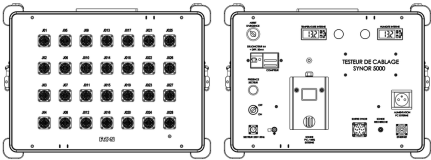
Maximum test points number	Up to 2048 points	
Maximum switching cards number	16	
Tests types performed	Continuity, Isolation, Dielectric, Functional, and Components	
Main power supply	115-230 VAC ±15 % 47 to 64 Hz / single-phase	
Entry Power	40VA à vide - 300 VA max. par coffret	
Temperature range	Storage: -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	
<div>DIMENSIONS</div> <div>Height Width Depth Weight</div>	375 mm 520 mm 560 mm 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



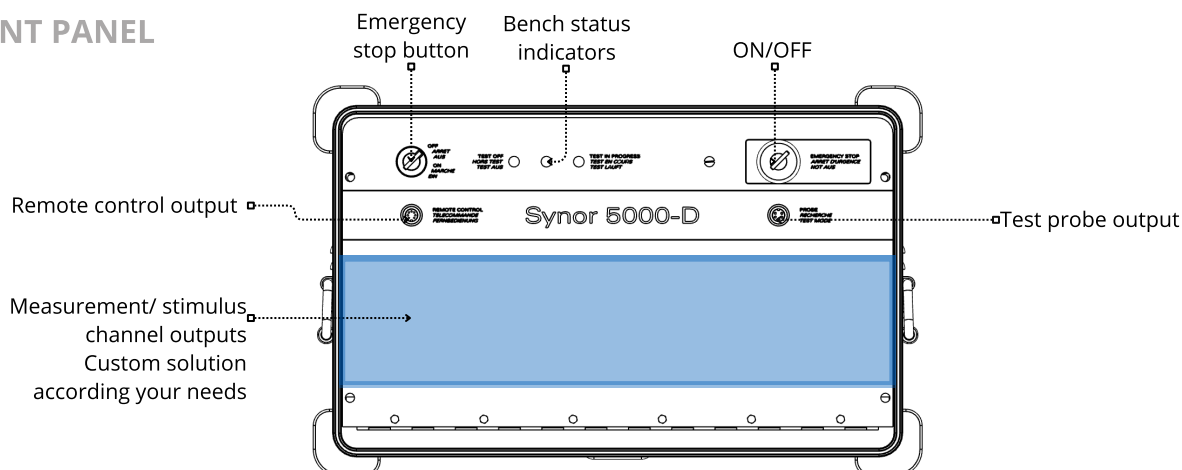
- Operates with an integrated or remote computer
- 19-inch rack
-  • WINPASS software: compatible with all versions of Windows, multilingual on request
-  • Connector outputs: selectable
- Calibration box: SY5000-CAL
-  • Switching cards: optional
- Compatible with: SYNOR 4200 series
- Ethernet, PLC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

### APPLICATIONS & INDUSTRIES

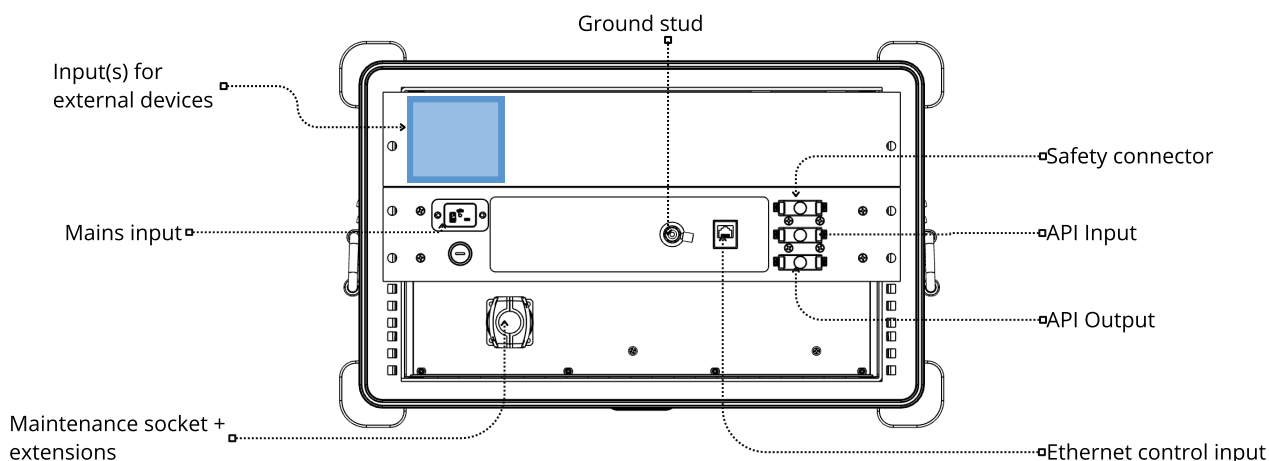
- Railway
- Military
- Production & Laboratory
- Aerospace / Space
- Cable, harness, and connector manufacturers

## DESIGN

### FRONT PANEL



### BACK PANEL



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.

### 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