

## 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**

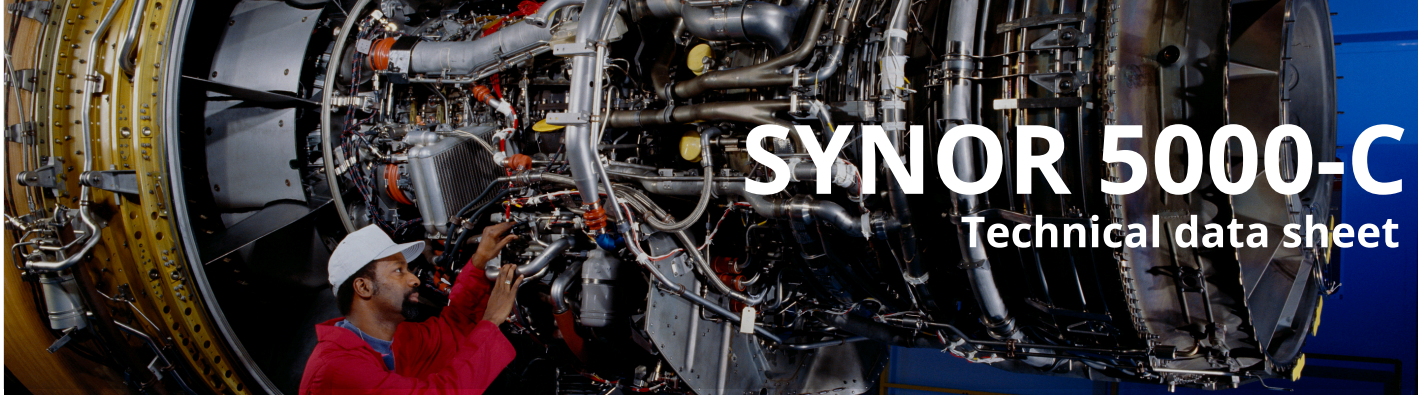
E-Mail: [sales@meilhaus.com](mailto:sales@meilhaus.com)

**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-C

Maximum test points number	Up to 11 264 points	i
Maximum switching cards number	88	i
Tests types performed	Continuity, Isolation, Dielectric, Functional, and Components	i
Main power supply	115-230 VAC ±15 % 47 to 64 Hz / single-phase	
Entry Power	Depending on the number of integrated racks x 300 VA	
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	13U à 36U 600 mm 800 mm ~100 kg	
Security class	Class 1 (ground connection)	
Overvoltage category	CAT II	
Pollution Degree	2	

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



### ADVANTAGES

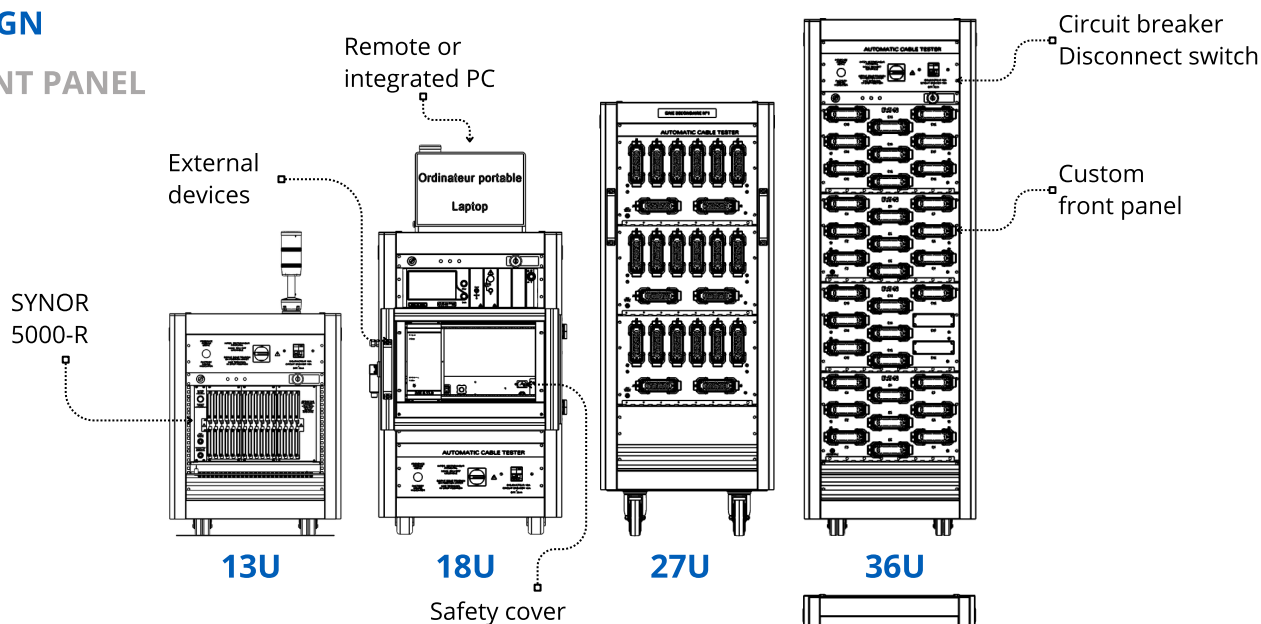
- Integrated rack tester for high-volume test point applications
- Possibility of extending the number of points by adding SYNOR 5000-CS racks
- Operates with an integrated or remote computer
- 19-inch rack
- i** • **WINPASS software:** compatible with all versions of Windows, multilingual on request
- i** • **Connector outputs on selection**
  - SY5000-CAL calibration box
- i** • **Choice of switching cards**
  - Compatible with the SYNOR 4200 series
  - Ethernet, PLC interfaces
- i** • **Options and accessories available**
  - Available in 4 sizes: 13U, 18U, 27U, 36U

### APPLICATIONS & INDUSTRIES

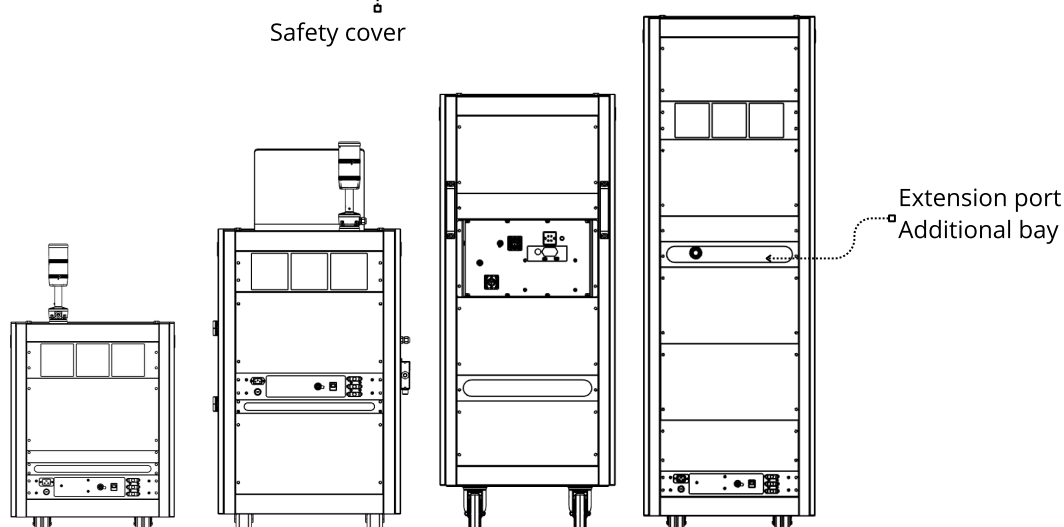
- Railway
- Military
- Production & Laboratory
- Aerospace / Space
- Cable, harness, and connector manufacturers

## DESIGN

### FRONT PANEL



### BACK PANEL



For more technical information on the SYNOR 5000-C, 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