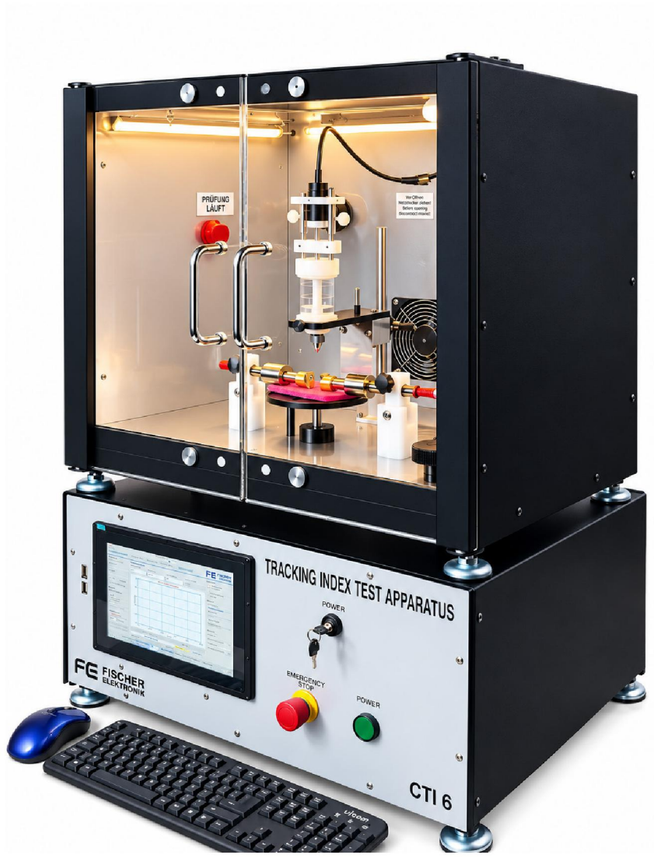
CTI-6

PC-Controlled Tracking Index Apparatus up to 1000 V – IEC 60112 / UL 2597 / ASTM D 3638

DIN EN 60112 (IEC 60112) | **UL 2597** | **ASTM D 3638***

- Standards-compliant testing
- Automated test procedure
- High-precision measurement technology
- User-friendly operation
- Future-proof platform
- Automatic test report generation
- CSV file for further processing
- 2 years warranty



Your Advantages

- Over 40 years of experience in the market
- Numerous reputable references
- Proven and reliable testing technology
- On-site and online training
- Customized solutions to meet your requirements
- Expert consultation & service

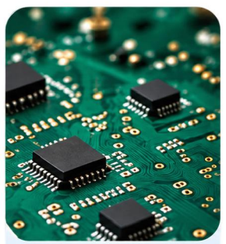
Application Areas



Electrical and electronics industry



Plastics industry



Insulating materials and raw materials

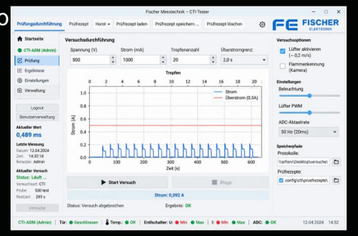


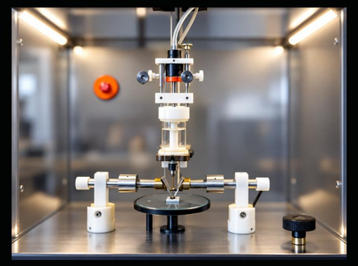
Material development

Made in Germany

Product Overview

The Tracking Index Apparatus is designed to determine and evaluate the resistance to tracking of solid electrical insulating materials. Testing is performed in accordance with DIN EN 60112 (IEC 60112) and UL 2597, ensuring reliable determination of the Comparative Tracking Index (CTI) and Proof Tracking Index (PTI).
Thanks to precise measurement technology and automated test procedures, the system delivers reproducible and reliable test results. It is ideally suited for quality assurance, research & development, and industrial testing laboratories.
***Testing procedures and equipment configurations in accordance with relevant ASTM standards are also available upon customer request. Individual requirements can be taken into account during the design process and implemented through customized solutions**.*





Operating Principle

During the test, the specimen is positioned between two platinum electrodes arranged in a defined configuration and subjected to a specified test voltage.
At defined time intervals, drops of a standardized electrolyte solution are applied to the specimen surface between the electrodes. Under these controlled conditions, the behavior of the insulating material is examined and its resistance to surface tracking is evaluated.

Technical Data

Control unit dimensions (W x H x D)	610 x 305 x 600 mm	**Test unit dimensions (W x H x D)**	610 x 550 x 450 mm
Control unit weight	approx. 45 kg	**Test unit weight**	approx. 30 kg
Operating voltage	230 VAC (±5 %), 50 Hz, max. 8 A	**Electrode voltage**	100 to 1000 VAC
Test range	CTI / PTI	**Current limitation**	adjustable
Test medium	Electrolyte solution	**Switch-off time**	adjustable
Drop size	adjustable	**Number of drops**	adjustable
Drop interval	adjustable	**Touchscreen display**	10.9" LED touchscreen (PC-controlled)
Testing according to	DIN EN 60112 (IEC 60112), UL 2597 and ASTM D 3638*	**USB interface**	available

Software

User-friendly operation	Intuitive control and easy handling
Storage of all test results	Automatic storage of measurement data
Creation of test plans	Individual test programs and test sequences
Multi-language software	German, English
Data export	CSV and PDF files

Accessories

- Platinum Electrodes
- Seal Kit for Dropping Device
- Glass Plate for Test Table
- Precision Balance
- Spacing Gauge for Adjusting the Electrode and Dropping Device Distances

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