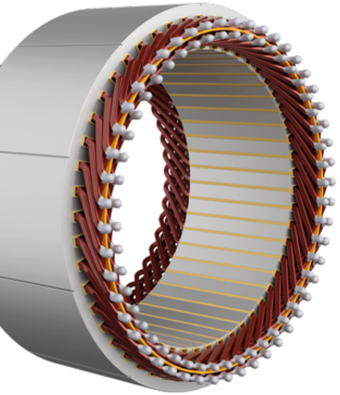
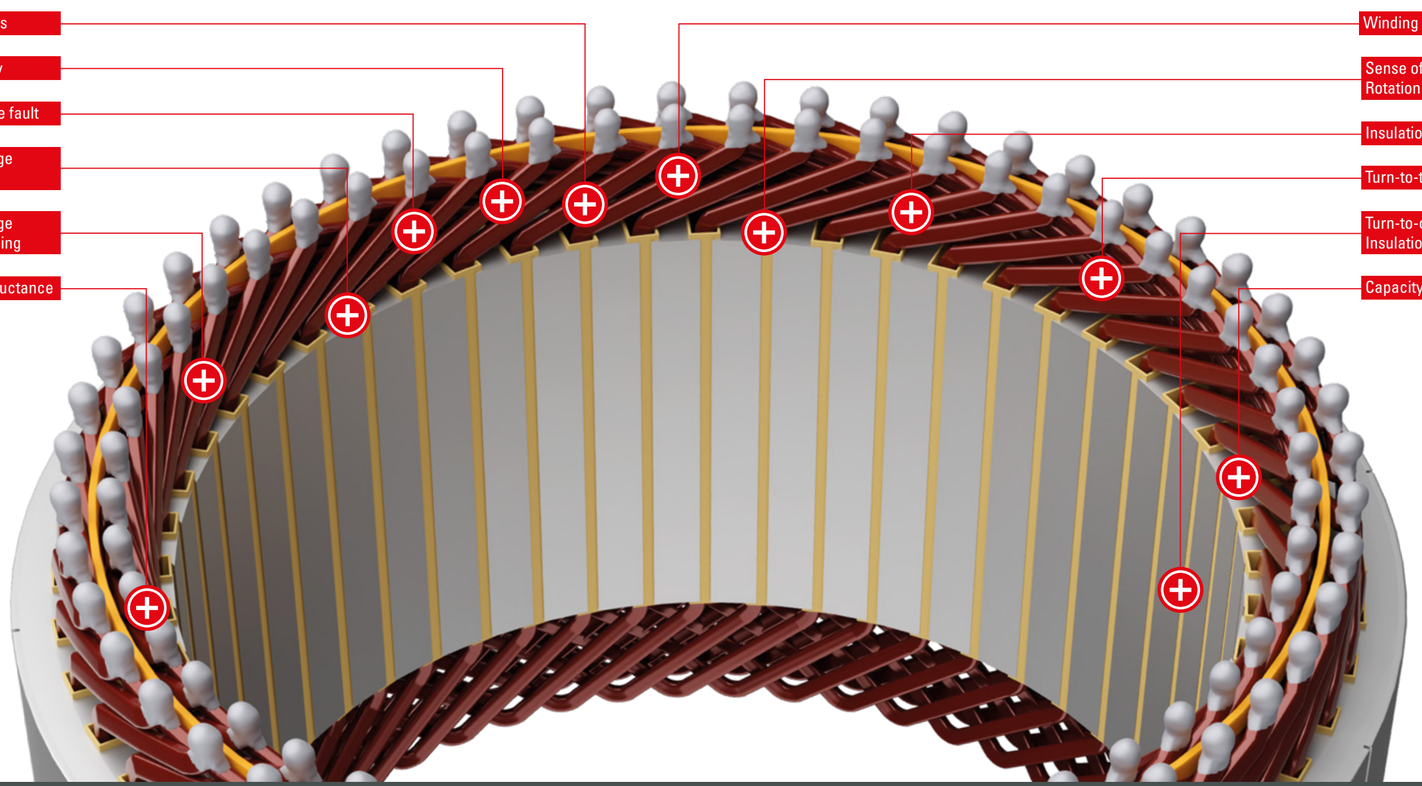
SCHLEICH
Advanced Test Technologies

Test technology for the production of all kinds of windings



DESIGNED & PRODUCED IN GERMANY



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TEST AT ITS BEST

SCHLEICH.COM

70 YEARS OF INNOVATION

MTC3

High-end test devices for mass production

The MTC3 is freely configurable to meet your requirements and offers high-end testing technology for complex testing tasks on a wide range of winding goods such as electric motors, transformers, magnet coils, ...

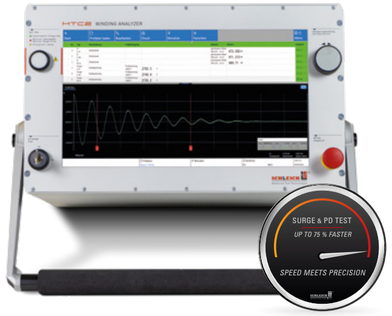
- You can combine the test methods for your test requirements
  - Surge voltage, standard-compliant partial discharge
  - High voltage AC/DC, insulation resistance
  - Resistance, sense of rotation, ...
- Unlimited number of winding- and temperature sensor connections
- Interfaces to PLC, ERP and MES systems
- Standard and customized contacting, test adapters
- Test covers, protective devices

...

MTC2 *R7*

The NEW universal winding and surge voltage tester

With the MTC2 *R7*, SCHLEICH has redefined speed and precision in surge voltage and partial discharge testing – no other test device offers greater levels of performance. With the MTC2 *R7*, you can examine coils, stators, armatures and winding goods of all kinds at the highest technological level.



- For mass production, automation, laboratory and repair
- Perfect for motors, generators and all kinds of windings
- Unique full-HD touch display with 15.6“
- Surge test voltage up to 15 kV – energy up to 11.25 joules
- Partial discharge according to IEC 61394, DIN EN 60034-18-41
- Resistance, inductance, high voltage AC/DC
- IR (Insulation resistance), PI, DAR, step voltage

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MTC2

Universal winding and surge testers

The MTC2 is a top-class surge tester – no other test device offers such a comprehensive range of features. With the MTC2, you can inspect coils, stators, armatures and winding goods of all kinds using state-of-the-art technology – with no compromises regarding precision.

- For repair, mass production, automation, laboratories
- Perfect for motors, generators and all kinds of windings
- Surge voltage up to 50 kV – Energy up to 125 joules
- Partial discharge according to IEC 61394, DIN EN 60034-18-41
- Resistance, inductance, high voltage AC/DC
- IR (insulation resistance), PI, DAR, step voltage

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VoltageAnalyzer

Intelligent high-precision probe up to 6 kV – perfected for partial discharge testing.

Take advantage of the precision of the VoltageAnalyzer – the perfect tool for measuring surge voltage signals directly at the motor winding. This is the only way to perform highly accurate surge voltage and partial discharge measurements. With advanced technical performance and ease of use, the VoltageAnalyzer is the first choice for anyone needing to meet the highest standards in electrical measurement.

- Active probe with built-in switch-over between three phases
- Accurate surge voltage measurement directly at the winding
- Determination of pulse rise times
- Exact PD voltage measurements of PDIV, RPDIV, PDEV, RPDEV
- Perfect for standard-compliant measurements according to DIN EN 60034-18-41

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Bonding machines

Universal systems for coil mass production

Reliable and absolutely process-safe bonding technology as stand-alone system or integrated into automatic production lines. We design and produce the equipment or systems individually according to your requirements.

- DC and AC bonding machines
- Up to 2500 A, up to 1000 V, incl. online temperature monitoring
- Standard and flash bonding technology with up to 170 A/mm²
- Bonding strategies: voltage, current or temperature mode
- Fully automatic impregnation process
- Resin-hardening with current-UV-method
- Can be combined with additional test methods, e.g., surge voltage, HiPot

...

High voltage test devices

From 3 mA to 10 A AC/DC
From 1 kV to 100 kV AC/DC

As specialists in high-voltage testing technology, we offer test devices and test equipment with test voltages and test currents for virtually all applications.

- Manual and automatic tests
- Adjustable voltage profiles and test sequences
- Two-channel safety inputs
- Interfaces to PC or PLC
- Test cages and test cabins

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