

Unique Slip-Ring Testing Solution

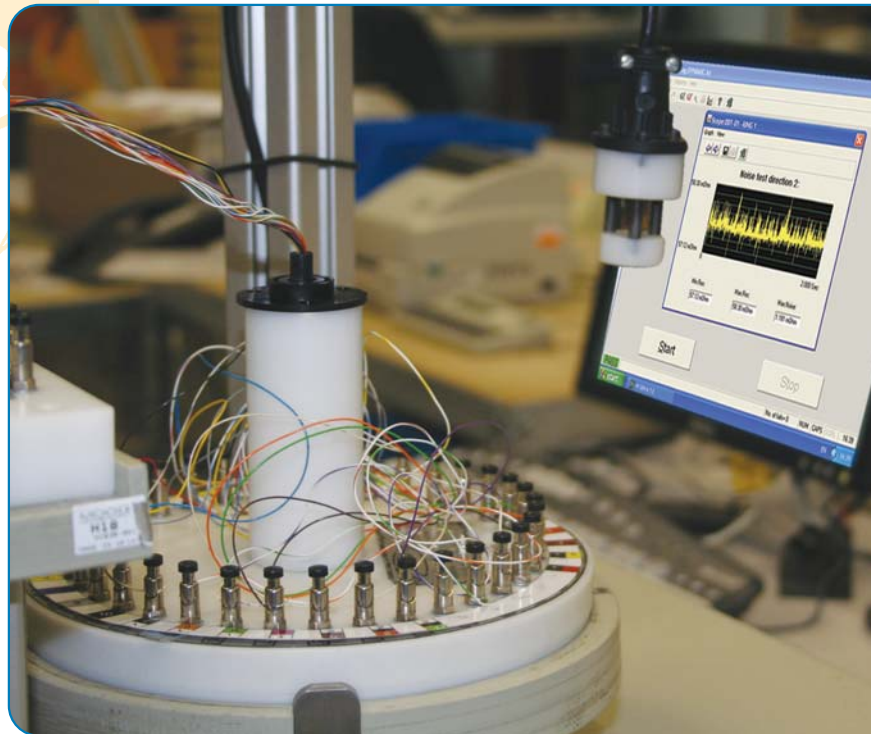
YP-SRT High Voltage Slip-Ring Testers

This one-of-a-kind tester enables automated bi-directional continuity testing of each ring - SEPARATELY.

The system uniquely tests for insulation (including dynamic tests), current leakage and resistance noise. The YP-SRT complies with MIL Spec C3885F. Procedures can be programmed either for testing single rings or any number of rings simultaneously. Test results for resistance noise are graphically displayed. Every reputable slip ring manufacturer in the world uses the YP-SRT to verify the quality of their products during the production process.

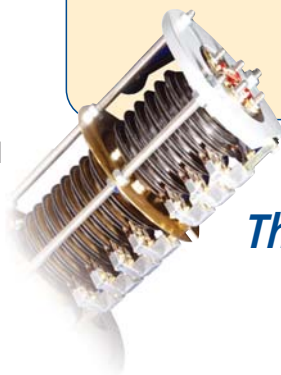
Features & Benefits

- Testing of continuity resistance, insulation resistance (including dynamic test), leakage current and resistance noise
- Automatic initiation of a change in rotation direction in res. noise test
- Graphic display of one circuit (ring resistance noise)
- Selection of voltage, current or resistance configured for one or a group of chains
- Performs self-learning
- Windows operating system
- User-friendly, menu driven software. No programming experience required
- GUI in customer's language (Optimal)
- Imports wiring lists from CAD/CAM or host computer
- Implements high capacity database for reports, wiring lists and UUT connector types (Including UUT pins designation)
- Includes automatic BIT and initiated self test
- Complies with MIL-C3885F (Cable Assemblies and Cord Assemblies Electrical Standard)



Testing parameters

- | | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Continuity Res | <ul style="list-style-type: none">■ Current -10mA, 100mA, 500mA (1A opt) $\pm 10\%$■ Resistance - (2W) - 0.2Ω to $100K\Omega \pm 5\% \pm 0.2\Omega$■ Resistance - Resistance(4W) including noise - $0.5m\Omega$ to $100K\Omega \pm 5\% \pm 0.2m\Omega$ |
| Insulation Res. | <ul style="list-style-type: none">■ Voltage -100 to 1500Vdc (50 Volt steps) $\pm 5\% \pm 5V$■ Resistance - Up to $1G \Omega \pm 5\%$■ Wait time - 50 mS to 60 Sec. (conditional or fixed) |
| Dielectric Strength | <ul style="list-style-type: none">■ Voltage - 200 to 1000Vdc/ac* (50 Volt steps) $\pm 3\% \pm 5V$■ Leakage current - $0.1mA$ to $1mA \pm 10\% \pm 20\mu A$■ Dwell time - 50 mS to 60 Sec. |
| Component testing | <ul style="list-style-type: none">■ Resistance (2W) - 0.1Ω to $250M\Omega \pm 5\% \pm 0.1\Omega$■ Capacitance - 200pF to $10mF \pm 5\% \pm 100pF$■ Diodes, Zeners, LEDs forward voltage up to $2VDC \pm 20mV$■ Filters & component networks (AC signature) |



*The only tester that tests
slip-rings in motion*



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