



SRTE-240 SLIP RING TEST EQUIPMENT

DESCRIPTION

SRTE-240 is designed to test the slip ring units, as well as wiring harnesses. It has 240 channel measurement capacity for continuity test. Each channel has two kelvin connection (4-wire resistance measurement) with a resolution of one milliohm.

For isolation test, 1000Mohm range is possible with adjustable measuring voltages up to 1500 V.

RF measurement capability is an extra feature to test the insertion loss and the reflection characteristics of the high frequency channels of slip rings and the coaxial cables up to 3 GHz.

SRTE-240 has the capability to localize the angular position of the fault in the slip ring if any.

TECHNICAL SPECIFICATIONS

- Number of continuity test channels: 240
- Number of Insulation test channels: 240
- Max measuring current: 25 mA
- Max measuring voltage: 1500 VDC
- Measurement resolution ≤ 1 mohm rms
- Insulation resistance range $\geq 1000M\Omega$
- Error position information
- Insertion Loss
- Reflection Coefficient
- Characteristics impedance
- Operating Temperature: Ambient
- 19" Rack Mount
- HDMI Video Output
- USB Ports, 3 each
- Ethernet Port
- Encoder input for slip ring fault location
- Motor Driver for 2 phase step motor
- Adjustable rotation speed for slip ring