ANTISTATIC PAINT TESTER <IA2>

The Antistatic Paint Tester is designed for fast and simple testing of conductive layers and their bonding.

- Light, practical, robust Test Equipment
- Battery powered, rechargeable in situ or removed
- Measurement of surface resistance through insulated layers (Mode S1)
- Measurement of contact resistance (Mode B1) to the structure connection through insulated layers
- Automatic field switching
- Has a galvanically isolated interface for remote control or data exchange
- Specific measuring heads conforming to curved surfaces
- Visual and acoustic signals for over/under limit values

TECHNICAL DATA:

- Power operation with power supply: 1/N/PE AC 50Hz 230V ± 10%
- Battery life: > 200 measurements
- Battery: 7.2V Li-Ion
- Charging time: 6 hours
- Measurement mode: S1: Surface-Surface and B1: Surface-Structure
- Measuring frequency: 20kHz
- Accuracy: ± 10% of reading ± 2 digit
- Measurement range S1: Depends on sensor (see data sheet)
- Measurement range B1: Depends on sensor (see data sheet)
- Dimensions: approx 25 x 13 x 16cm
- Weight: approx 2.5kg

INCLUDED IN STANDARD SCOPE OF DELIVERY:

1 Self test plate B1 <S306294> (TEST-FUCHS item no. 103230133)
1 Bonding cable PKL320-1 length: 5m (TEST-FUCHS item no. 103240311)
1 Battery “SWIT S-8970” (TEST-FUCHS item no. 106220110)
Shoulder strap “1472” (TEST-FUCHS item no. 106330923)
Power supply unit incl. power cable for charging “S306287” (TEST-FUCHS item no. 103070362)

NOTE:
The required Measuring Head is not included in the standard scope of delivery but can be ordered separately, see next page.
OPTIONAL ACCESSORIES FOR ANTISTATIC PAINT TESTER <IA2>

Transport case “EXPLORER”
(TEST-FUCHS item no. 107101335)

- Very robust, stackable
- Lined with foam
- Storage compartment for:
  - Antistatic Paint Tester <IA2>
  - Accessory
  - Documentation
- Dimensions: approx 58 x 44 x 16cm
- Weight: approx 5kg

Battery
(TEST-FUCHS item no. 106220110)

- Manufacturer: SWIT
- Model: S-8970
- Output voltage: 7.2V
- Power: 47.5Wh
- Intermediate charging possible (no memory effect)
- The equipment is fitted with one battery

External Charger for 2 Batteries incl. Power Cable
(TEST-FUCHS item no. 106220111)

- Manufacturer: SWIT
- Model: SC-3602F
- Input: AC 100 - 240V; 50 / 60Hz
- Output: DC 7 - 8.4V; 1.8A
- Possible to charge 2 batteries at the same time
RECOMMENDED STANDARD MEASURING HEAD FOR ANTISTATIC PAINT TESTER <IA2>

<iATP3>
Specially optimized for use in Measurement Mode B1
(TEST-FUCHS item no. 150020603)

Dimensions: Ø 76 x 130mm
Connecting cable: 3m
Measurement range: B1: 20kΩ to 2MΩ
Accuracy: ±10% ±2 digit of reading
MAX-LED at head: YES
Measurement button: YES
Max. paint thickness: 1mm
Maximum radius of the test surface: 200mm
Contact pressure: 0.2 to 2kg (2 to 20N) alternative
Special feature: Skydrol resistant

FURTHER MEASURING HEADS AND BONDING CABLES

<iATP1>
For universal use in Measurement Mode B1 and S1
(TEST-FUCHS item no. 15002055)

Dimensions: Ø 76 x 130mm
Connecting cable: 3m
Measurement range S1: 5kΩ to 10MΩ
/-sq to 470MΩ /sq
Measurement range B1:
Accuracy: ±10% ±4 digit of reading
MAX-LED at head: YES
Measurement button: YES
Max. paint thickness: 0.5mm (50 kΩ to 1MΩ)
Maximum radius of the test surface: 200mm
Contact pressure: 1kg constant (10N) required

Bonding Cable Extension 5 m PKL320-2
(TEST-FUCHS item no. 103240318)

Measuring Head Cable Extension 10 m PKL320-3
(TEST-FUCHS item no. 103240319)

SPECIAL DESIGNS ARE AVAILABLE ON REQUEST!