



- AX 6000

- Bonding Tester Milliohmmeter



- ➔ MANUAL OR AUTO RANGE
- ➔ FROM 1 $\mu\Omega$ TO 6 Ω
- ➔ 4 WIRE MEASUREMENT
- ➔ MEMORY OF 2000 READINGS
- ➔ COMPACT AND LIGHT WEIGHT (< 2 Kg)

AX 6000 portable Miliohmmeter, the right solution for bonding resistance measurement according to all current aircraft specifications on plane, helicopter, rocket, army vehicles for both production and maintenance. It is a very easy-to-use and versatile instrument, for applications requiring up to 10 A current measurements. Its ergonomics allow the user to use it either placed on the ground or across one's shoulder or chest. A wide back-lit LCD display combined with an intuitive keyboard ensures simple and easy operation.

GENERAL DETAILS

Presentation	240x120x210 mm (9.4 x 4.7 x 8.3 inch) - < 2kg (6lbs)
Internat. standards	Complies with: CE: 61010-1 ; CEM: 61326-1 and 55011
Temperature	Operating: 0° to +50°C (25° to 122°F) Storage: -20° to +60°C (-4° to 140°F) Relative humidity < 90% none condensing
Use	Portable instrument which can be used on the ground or across one's shoulder or chest

MEASUREMENT SPECIFICATIONS IN STANDARD CONDITIONS

MANUAL MODE	Range	Current
	6 mΩ (2 mΩ)	1A - 10A (3A)
	60 mΩ (20 mΩ)	0,1A - 1A - 10A (3A)
	600 mΩ (200 mΩ)	0,1A - 1A - 10A (3A)
	6 Ω	0,1A - 1A
AUTO. MODE	Range	Current
	1 μΩ - 600 mΩ	10A
	10 μΩ - 6 Ω	1A / 0,1A

Range	Meas. current	Accuracy	Resolution
6 mΩ	1A 10A	± (0,1% MV + 6 μΩ)	1 μΩ 1 μΩ
60 mΩ	0,1A 1A - 10A	± (0,1% MV + 60 μΩ)	100 μΩ 10 μΩ
600 mΩ	0,1A - 1A - 10A	± (0,1% MV + 0,6 mΩ)	100 μΩ
6 Ω	0,1A - 1A	± (0,1% MV + 6 mΩ)	1 mΩ

MV = Measured Value

The 3A option is in replacement of the 10A current.

Range	Meas. current	Accuracy	Resolution
2 mΩ	3A	± (0,1% MV + 6 μΩ)	10 μΩ
20 mΩ		± (0,1% MV + 60 μΩ)	10 μΩ
200 mΩ		± (0,1% MV + 0,6 mΩ)	100 μΩ

ACCESSORIES

Additional battery

Additional battery charger

Plastic safety case

The AX plastic yellowcase can carry all what the operator needs to work with: AX 6000 with its bag, battery pack, probes, clips, manual. The yellow case is weatherproof and shock resistant. Size: 430x530x230 mm (16.9 x 20.9 x 9.1 inch). Yellow case.

Front-Bag

The AX front bag frees your hands, making it so easy to take measurements. The large LCD screen is at the right distance to be read easily.

Kelvin Clips

Extra small kelvin clip.
Small kelvin clip kit.
Medium kelvin clip kit.
Big kelvin clip kit.

Kelvin Probes

All probes are fitted with a fixed pin and a moving pin. The moving pin establish the current and the fixed one reads voltage. Measurement is automatic when fixed pin touches the part to be measured. A 2 meter cable (6 ft) with the connector and a rubber pin protection to the AX 6000.

50 x 13 cable.
100 x 13 cable.
150 x 13 cable.
Head probe x 13.

Special Kelvin Lead

This kelvin probe set is used for very precise measurements; 3 electrodes tips and one alligator clip are connected to the AX 6000 through a double cable fitted with connectors. Banana plugs permit the connection of many different measurement tools.
Special Analyse Kelvin Probe Set. Ref. EG-0266

Cable and Reels

5m cable (15 ft).
25m cable (60 ft) on cable reel.
50m cable (150 ft).
90m cable (270 ft) on cable reel.

Power

Battery pack.
AC/DC Adaptor.

Spare parts

Staigh-in plug.
Medium kelvin clip.



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