



— **AX 6000**
— **Bonding Tester Milliohmmeter**
Extended Accessories kit



- ➔ 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: 610101 ; CEM: 613261 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)
AUTO. MODE	Range	Current
	6 Ω	0,1A - 1A
	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

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

Range current	Accuracy
100A	+/- 2% range
1A	+/- 1% range
10A	+/- 1% range

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

ACCESSORIES INCLUDED INTO THE KIT

One AX6000 Miliohmmeter - Ref. EZ-0078

One Plastic safety case - Yellow case - Ref. MB-0151

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 in).

One Front-Bag - Ref. MB-0147

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

One Medium Kelvin Clip - Ref. EG-0264

The Medium kelvin clip kit is sold with one 2m cable (6 ft.) and connector to the AX6000, and a rubber connector protection cap.

Kelvin Probes

All probes are fitted with a fixed pin and a moving pin. The moving pin establishes the current and the fixed one reads voltage. Measurement is automatic when fixed pin touches the part to be measured.

The kit included :

- One 50mm long and 13mm diameter probe (50x13 mm/1.9x0.5 in) - Ref. EG-0459
- One 100mm long and 13mm diameter probe (100x13 mm/3.9x0.5 in) - Ref. EG-0460
- Two 13mm diameter Spare Head probes - Ref. MZ-0257

Special Kelvin Lead - Ref. EG-0266

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.

Cable - Ref. 6270056

One USB cable : 1.5m (5 ft).

Power

Two Battery pack - Ref. TZ-0098

One battery charger - AC/DC Adaptor - Ref. E5-0014

One PC software - Ref. L2-0009

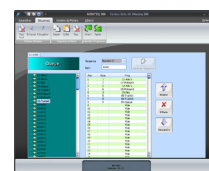
The Winatq300 6000 software is used to connect the device to a PC to configure/edit parameters, programs & sequences.



Yellow case
Ref. MB-0151



AX battery - Ref. TZ-0098



Winatq300 6000 - Ref. L2-0009



AX bag - Ref. MB-0147



Kelvin Clips&Probes



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AUTO. MODE	Range	Current
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Yellow case
Ref. MB-0151



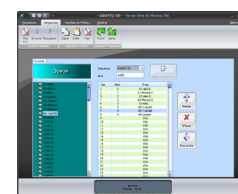
AX bag - Ref. MB-0147



Kelvin Clips&Probes



AX battery - Ref. TZ-0098



Winatq300 6000 - Ref. L2-0009

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