



— **AX 6000**  
— Bonding Tester Milliohmmeter



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



**AX 6000** portable MilliOhmmeter, 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

<b>Presentation</b>	240x120x210 mm (9.4 x 4.7 x 8.3 inch) - < 2kg (6lbs)
<b>Internat. standards</b>	Complies with: CE: 61010-1 ; CEM: 61326-1 and 55011
<b>Temperature</b>	Operating: 0° to +50°C (25° to 122°F) Storage: -20° to +60°C (-4° to 140°F) Relative humidity < 90% none condensing
<b>Use</b>	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

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

##### 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 diam. 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

Straight-in plug.  
Medium kelvin clip.



## AVAILABLE ACCESSORIES



[TZ-0098] Battery pack



[6440242] AC DC 24 V Adaptor CE plug



[MB-0147] AX bag



[MB-0151] Yellow case



[6270056] USB cable - 1m



[EG-0459] 50x13 probe



[EG-0460] 100x13 probe



[EG-0465] 100x13 double probe

## AVAILABLE ACCESSORIES



[EG-0468] 150x13 probe



[MZ-0257] Head probe thin nozzle diam. 13



[EG-0271] Extra small kelvin clip  
- 2m cable



[EG-0264] Medium kelvin clip - 2m  
cable



[EG-0270] Big kelvin clip - 2m cable



[EG-0266] Special analyse kelvin  
probe set - 1st element



[EG-0266] Special analyse kelvin  
probe set - 2nd element



[EG-0266] Special analyse kelvin  
probe set - 3rd element

## AVAILABLE ACCESSORIES



[EG-0257] 5m extender cable





[EG-0259] 90m cable on cable reel



[EG-0261] 50m cable on cable reel

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