

# AX 6000 PORTABLE MILLIOHMETER FOR ALL AIRCRAFTS

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



## Technical characteristics

Presentation	240x120x210 mm (9.4 x 4.7 x 8.3 inch) - < 2kg (6lbs)
International 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.

## Accessories

- Transport case
- Bag for AX6000
- Kelvin tips
- Additional battery
- Additional battery charger
- Extension cable
- See accessories for full detailed list

## Measurement range

Manual Mode		Automatic mode	
Range	Current	Range	Current
6 m $\Omega$ (2 m $\Omega$ )	1A - 10A (3A)	1 $\mu\Omega$ - 600 m $\Omega$	10A
60 m $\Omega$ (20 m $\Omega$ )	0,1A - 1A - 10A (3A)	10 $\mu\Omega$ - 6 $\Omega$	1A / 0,1A
600 m $\Omega$ (200 m $\Omega$ )	0,1A - 1A - 10A (3A)		
6 $\Omega$	0,1A - 1A		

Range	Measurement current	Accuracy	Resolution
6 m $\Omega$	1A	$\pm$ (0,1% MV + 6 $\mu\Omega$ )	10 $\mu\Omega$
	10A		1 $\mu\Omega$
60 m $\Omega$	0,1A	$\pm$ (0,1% MV + 60 $\mu\Omega$ )	100 $\mu\Omega$
	1A - 10A		10 $\mu\Omega$
600 m $\Omega$	0,1A - 1A - 10A	$\pm$ (0,1% MV + 0,6 m $\Omega$ )	100 $\mu\Omega$
6 $\Omega$	0,1A - 1A	$\pm$ (0,1% MV + 6 m $\Omega$ )	1 m $\Omega$

MV = Measured Value  
 The 3A option is in replacement of the 10A current.

Range	Measurement current	Accuracy	Resolution
2 m $\Omega$	3A	$\pm$ (0,1% MV + 6 $\mu\Omega$ )	10 $\mu\Omega$
20 m $\Omega$			10 $\mu\Omega$
200 m $\Omega$			100 $\mu\Omega$

**AX 6000:** 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.

# AX 6000 Accessories

## 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  
430x530x230 mm (16.9 x 20.9 x 9.1 inch)  
MB\_0151-A: Yellow case



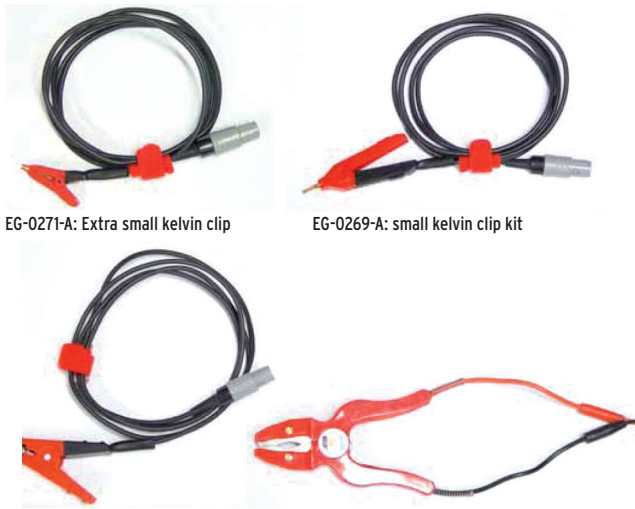
## Front-Bag

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.



MB\_0151-A: Front-bag

## Kelvin Clips



EG-0271-A: Extra small kelvin clip

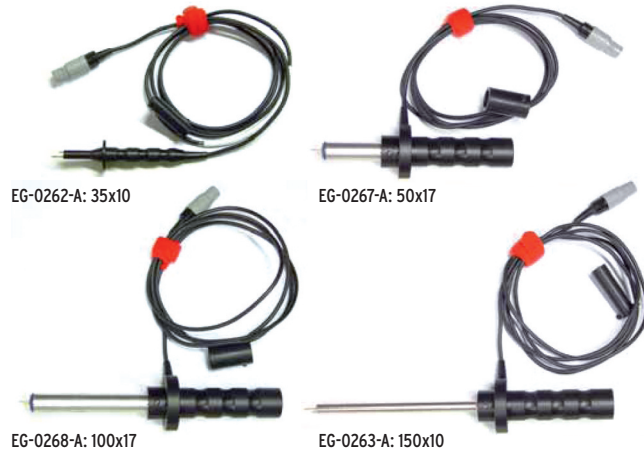
EG-0269-A: small kelvin clip kit

EG-0264-A: Medium kelvin clip kit

EG-0270-A: 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 touch the part to be measured. A 2 meter cable (6 ft) with the connector and a rubber pin protection to the AX 6000.



EG-0262-A: 35x10

EG-0267-A: 50x17

EG-0268-A: 100x17

EG-0263-A: 150x10

## 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.



EG-0266-A: Special Analyse Kelvin Probe Set

Banana plugs permits to connect a lot of tools to make measurement

## Cable and Reels

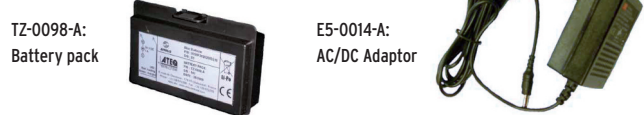


EG-0257-A: 5m cable (15 ft)

EG-0260-A: 20m cable (60 ft) on cable reel

EG-0261-A: 50m cable (150 ft)  
EG-0059-A: 90m cable (270 ft) on cable reel

## Power



TZ-0098-A: Battery pack

E5-0014-A: AC/DC Adaptor

## Spare parts



EC-0317-A: Straight-in plug

EZ-0082-A: Medium kelvin clip