

AX 6000 PORTABLE MILLIOHMETER FOR ALL AIRCRAFTS

- MANUAL OR AUTO RANGE
- FROM 1 $\mu\Omega$ TO 6 Ω
- 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 Ω (2 m Ω)	1A - 10A (3A)	1 $\mu\Omega$ - 600 m Ω	10A
60 m Ω (20 m Ω)	0,1A - 1A - 10A (3A)	10 $\mu\Omega$ - 6 Ω	1A / 0,1A
600 m Ω (200 m Ω)	0,1A - 1A - 10A (3A)		
6 Ω	0,1A - 1A		

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

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

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



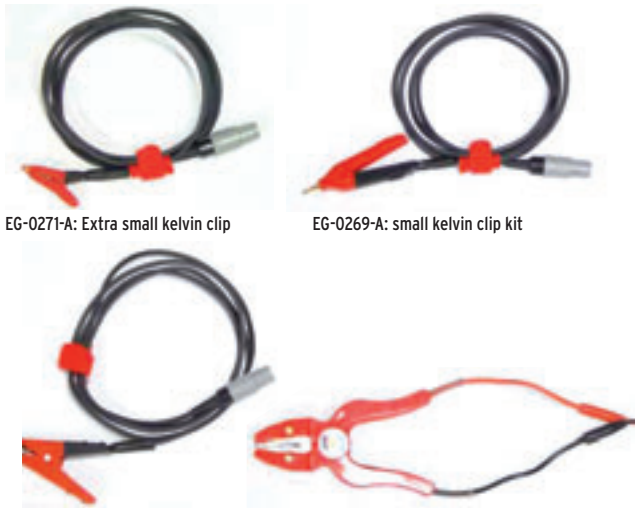
Front-Bag

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

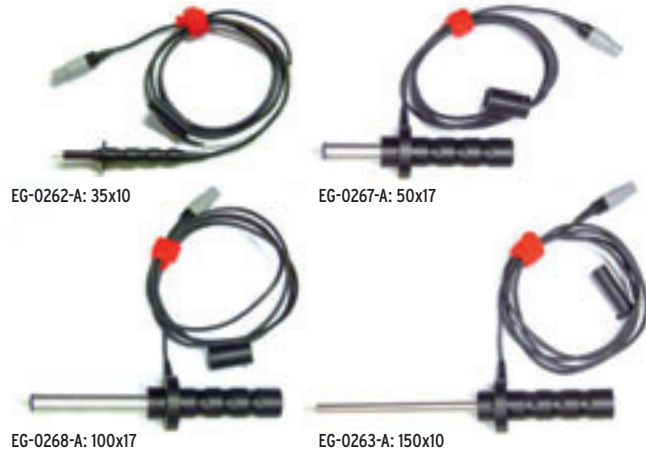
EG-0269-A: small kelvin clip kit

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