



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

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 measurement current.

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.



Mains Characteristics

- 3 measurement ranges: 0.1 A - 1 A and 10 A (3 A option is in replacement of the 10 A current)
- Resistance measurement from: 6 m Ω to 6 Ω
- Connection USB port for:
 - . Parameters setting
 - . Save / restitution parameters
 - . Instrument cloning
 - . Software updating
 - . Results downloading
- 4 Jaeger locking system
- 2 USB ports
- IP 54 protection
- Auto mode with 32 programmable test sequences
- Internal memory: 2 Go
- Signal
 - . Measurement threshold adjustable
 - . Visual (red/green leds) and audible signal for results
- Battery
 - . 12VDC 4400 mA/h Lithium Polymer technology
 - . Easy removable battery pack
 - . 3 hours charging time with the external charger



Applications

All aircrafts





Measurement Ranges

Manual mode		Automatic mode	
Range	Current	Range	Current
6 mΩ (2 mΩ)	1A – 10A (3A)	1μΩ – 600mΩ	10A
60 mΩ (20 mΩ)	0.1A – 1A – 10A (3A)	10μΩ – 6Ω	1A / 0.1A
600 mΩ (200 mΩ)	0.1A – 1A – 10 A (3A)		
6 Ω	0.1A – 1A		

Range	Measurement Current	Accuracy	Resolution
6 mΩ	1A	+/- (0.1 % MV + 6 μΩ)	10 μΩ
	10A		1 μΩ
60 mΩ	0.1A	+/- (0.1 % MV + 60 μΩ)	100 μΩ
	1A – 10A		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 3 A option is in replacement of the 10 A current.

Range	Measurement Current	Accuracy	Resolution
2 mΩ	3 A	+/- (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



Technical characteristics

- **Presentation**
Weight: < 2 kg
Dimensions in mm : H 240 x D 120 x W 210
- **International Standards**
Complies with:
CE: 61010-1
CEM: 61326-1 and 55011
- **Temperature**
Operating : 0°C to + 50°C
Storage : -20°C to + 60°C
Relative humidity < 30% 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