Product name:	Product code:
Aircraft Aluminium Alloy Electrical Conductivity Eddy Current Meter	CMI-IND-0423

Description

Hand-held eddy current conductivity meter that checks heat treatment condition of aluminium alloy parts in IACS percent. Used by aerospace MRO shops and forging inspection.

Technical specification

- Reference block set
- Probe cable
- Charger

The probe is placed on the part, and conductivity is read directly in percent IACS or MS/m. Temper variations in 2024, 7075 and 6061 alloys are detected quickly without damaging the surface of the aircraft part.

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Features

- Dual-coil probe with temperature sensor
- 60 kHz operating frequency with temperature compensation
- Lift-off compensation to 0.2 mm paint
- Calibration with two aluminium reference blocks
- Rugged hand-held housing with large display

Technical Specifications

Conductivity range	0.5 to 112 percent IACS
Accuracy	+/- 0.5 percent IACS
Frequency	60 kHz
Probe diameter	12 mm
Lift-off range	Up to 0.2 mm
Temperature compensation	Automatic, 10 to 40 deg C
Standards	ASTM E1004, AMS 2658 procedure
Power	Rechargeable Li-ion battery

Standard Accessories