We DEVELOP

TESTIA
AN AIRBUS COMPANY

Clad Tool

Fast and cost-effective Go /No-Go clad diagnosis for any technician available on-site

Clad Tool is a Go/No-Go tool for instant detection of clad layer after blending-out corrosion or scratches.

Benefits

Efficiency

- Take fast reparation decisions thanks to Go/No-Go diagnosis.
- Avoid misconfiguration with automatic set-up.
- Improve prove check with fail-proof steps.

Flexibility

- Save time and materials thanks to painted areas detection capabilities.
- Every certified or non-certified personnel can operate its very intuitive interface.
- Use the tool on all Airbus and non-Airbus aircraft.

Ergonomic

- Reach several blended-out areas in a-row thanks to its light-weight structure.

Reliability

- Grant the quality of measurement with fail-proof probe holder.
- Tool properties are well proven by NTM procedure 51-10-30.

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Extras

Referenced in NTM procedure NTM 51-10-30

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Features

- Automatic set-up
- Easy guided probe check
- Fast Go/no-Go diagnosis
- For painted or non-painted areas
- Simple interface for all operator levels
- Applicable to all Airbus aircraft
- Light-weight industrial tablet with large screen display
- Referenced in NTM procedure NTM 51-10-30
- Fail-proof probe holder: ensuring 100 % coverage and contact

Technical specifications

Output voltage: up to 5 Vpp
Frequencies intervals: 800 Hz à 4 MHz
Preamplifier: 6, 12 or 20 dB
Dynamic analog gain: 42 dB
Dynamic additional gain: 13 dB
Analog bandwidth gain: adjusted automatically
Numeric filters: customizable
Balance: automatic
Lift-off setup: automatic
Digitizer: 14 bits 48 MHz before demodulation
Measurements: absolute, absolute counterbalanced & differential
Transmit / receive: confounded, or separated

- **Present or missing clad on the fuselage indicated by a simple LED**
  - **RED: No CLAD + Sound ALARM**
  - **GREEN: presence of CLAD**
- **Coupling monitoring with a LED and lift-off sound alarm.**

Materials:
Aluminium 2024

Fuselage thickness:
1.3 mm - 5.3 mm

Paint thickness:
0 µm - 350 µm