

We DEVELOP

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 repair decisions thanks to Go/no-Go diagnosis.
- Avoid misconfiguration with automatic set-up.
- Improve probe 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 5Vpp

Frequencies intervals: 800Hz à 4MHz

Preamplifier: 6, 12 or 20dB

Dynamic analog gain: 42dB

Dynamic additional gain: 13dB

Analog bandwidth gain: adjusted automatically

Numeric filters: customizable

Balance: automatic

Lift-off setup: automatic

Digitizer: 14 bits 48MHz 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 μ m - 350 μ m