

We DEVELOP

SMART UE1

Inspection's Swiss Army knife: multi-methods aerospace-dedicated tool boosting efficiency in all your daily operations

Multi-method single channel (UT, ET & resonance) and multi applications instrument for efficient, flexible and reliable inspections.



Benefits

Efficiency

- Avoid delays thanks to RemoteAssistance.
- Share reports with the 4G/Wi-Fi connectivity capabilities.
- Speed-up inspections thanks to assisted data analysis.
- Expand capabilities with a digital continuity brick between acquisition and reporting.

Flexibility

- Reach different areas thanks to multi-function built-in capabilities.
- Get a multi-method device for your multi-method certified personnel.
- Allow every certified or non-certified member of your team to use the tool.
- Integrate a windows tablet generating word/excel reports and connecting with your corporate applications (outlook, ERP, MIS, etc)

Traceability

- Share accurate reports thanks to assisted reporting capabilities.

Accuracy

- Get the level of results requested in the aerospace sector thanks to repeatability.

Reliability

- Inspect confidently with a +50 NTM procedures certified device.

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Extras

The Smart UE1 is referenced in more than 50 NTM procedures to maintain Airbus aircrafts.

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Features

- RemoteAssistance
- Connectivity: Wi-Fi, 4G, etc.
- Assisted analysis
- Digital continuity brick between acquisition and reporting
- Windows environment ready for connecting with your software
- All-in-one device: UT, ET, rototest, resonance, galvanometer, thickness gauge, coating thickness, conductivity, clad and more
- Modular: choose the software you need
- Some apps can be used by non-certified personnel
- Assisted reporting avoiding dual entries and human errors
- Aerospace specific
- Referenced in +50 procedures
- Light-weight industrial tablet with large touch-screen display

Technical specifications

Dimensions: 280 mm × 198 mm × 80 mm

Weight: 2 kg

Connectors:

- Power supply, calibration and data transfer: USB
- Ultrasonic transducers: 2 Lemo 00
- Eddy current probes: Fischer 16 cts
- Position encoders inputs (× 4): Fischer 12 cts

Analog signal output: no

Standards: EN 12668-1:2010 et EN 15548-1:2008 + CE marking

Indoor and outdoor use

Temperature intervals: -10 °C à 45 °C

Relative humidity in operation 30 % to 80 % (without condensation)

Protection index: IP65

Power: 100-240 V AC 50/60 Hz 1.6-0.9 A

Degree of pollution: 2



Materials:

All

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A318/A319/A320/A321

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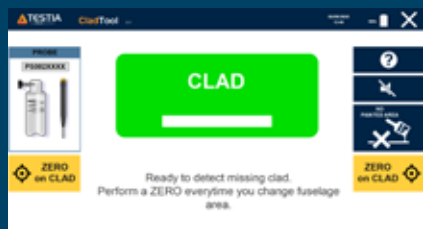
A380

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SMART UE1 & UE1 BOX SOFTWARE

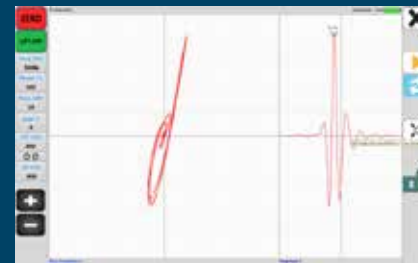
CladTool



Coating Thickness



ET (inc. rototest)



Conductivity



UT



Resonance



Galvanometer



Thickness Gauge

