We
DEVELOP

SMARTU32

One modular instrument for quick and accurate aerospace PAUT inspections - for every level of expertise

Smart U32 is an UT and PAUT modular, dedicated multi-apps, portable instrument for quick and accurate C-Scan acquisition and analysis. Gain access to an innovative and efficient way of performing ultrasonic inspection while staying connected and synchronized with your team.

Benefits

Efficiency
- Reduce the inspection process with the assisted data acquisition and analysis.
- Improve inspection's performance with automated real-time diagnosis and reporting.
- Expand capabilities with a digital continuity brick between acquisition and reporting.
- Avoid delays thanks to remote assistance utility.

Flexibility
- Relieve inspection bottlenecks with multi-function UT + PAUT capabilities.
- Allow every certified or non-certified member of your team to use the tool.
- Share reports and support with the 4G/Wi-Fi connectivity capabilities.

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

Traceability
- Record reliable inspection results thanks to automated reporting capabilities.

TESTIA
AN **AIRBUS** COMPANY

We
DEVELOP

SMARTU32

One modular instrument for quick and accurate aerospace PAUT inspections - for every level of expertise

Features

- Assisted acquisition and analysis
- Automated real-time diagnosis and reporting
- Digital continuity brick between acquisition and reporting
- Remote assistance
- UT + PAUT + Modular apps: Choose the software you need
- Some apps can be used by non-certified personnel
- Connectivity: Wi-Fi, 4G, etc
- Windows environment ready for connecting with your software
- Aerospace specific
- Automated real-time reporting avoiding dual entries and human errors
- Light-weight industrial tablet with large screen display

Technical specifications

Dimensions: 280 mm × 198 mm × 80 mm × 80 mm

Weight: 1.7 kg

Connectors :
  - Power supply, transfer of settings and data: USB
  - Ultrasonic translators: 2 Lemo 00
  - Multi-element ultrasonic translators: 1 IPEX
  - Position encoder inputs (x 4) : Fischer 12 cts

Analog signal output: none

Conformity with standards EN12668-1:2010 and EN15548-1:2008 + CE marking

Indoor and outdoor use

Relative humidity in operation 30% to 80% (non-condensing)

Protection class: IP54

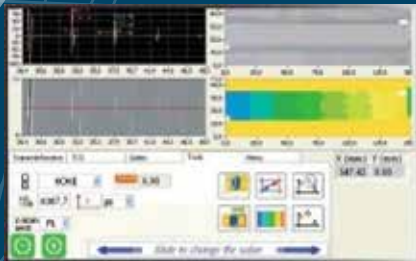Power supply: 100-240VAC 50/60Hz 1.6-0.9A

Pollution degree: 2

Materials:
All

TESTIA
AN AIRBUS COMPANY

We
DEVELOP

SmartU32 software

UTPA

Thickness Tool