



# TESTIA & JORAMCO LAUNCH A NEW VERSION OF THE SMARTUE1

News / Maintenance / Trainings



As Testia constantly strives to improve its digital solutions through automation, and as Joramco is always looking for opportunities to foster excellence and gain efficiency, the two players collaborated on inspection technologies introduction. Since their past agreement during MRO Europe 2019, the two partners have introduced inspection tools in order to bring operational benefits in terms of efficiency, traceability and quality. Today's communication sets a new milestone in the outcome of this collaboration through an enhanced all-in-one inspection tool: the SmartUE1.

« We are happy to expand our collaboration with Testia after successfully using the smart kit (The Swiss army knife) and the thickness tool, these tools have played an important role in boosting Joramco quality of services by enhancing its efficiency and inspection lead times, in addition, the timely auto generated reports that helps us in taking the quick right decisions.»

Mohammad Abu Hayyeh – Manager Component Shops at Joramco

« We designed this tool as a combo, in order to give to the inspectors all they need at their fingertips. The kit is customizable according to the customer's wishes, and a full

**configuration would replace at least three other investments on the customer-end.»**  
**Guillaume Ithurralde – CTO at Testia, an Airbus Company**

Testia's SmartUE1 is the Swiss-army knife of every Non-Destructive Testing (NDT) inspector. This wireless, light-weight (2kg) Windows device offers both Ultrasonic and Eddy Current Testing capabilities. This allows inspectors to travel light-handed with all their tools comprised in a single kit.

**A unique and modular 8-in-1 inspection equipment**

Indeed, the SmartUE1 is one of the rare tools in the market combining both Ultrasonic & Eddy Current testing under one roof. In addition, 6 other modules are available to detect various types of indications such as delaminations, disbondings, fatigue cracks, lack of cladding as well as measuring thickness, coatings and conductivity. It can also offer a remote assistance connection, linking-up the on-the-field operator with a remote expert for collaboration.

**An evolving brick for digital continuity and data traceability**

The SmartUE1 also saves time and efforts to inspectors thanks to its automated analysis and reporting generation. As it is based on a Windows tough-pad, the applications can seamlessly generate Word and Excel reports, thus avoiding dual entries and associated risks of errors. Also, e-mail servers, Enterprise Resources Planning, as well as Maintenance Information Systems, can be installed on the device in order to facilitate archiving and traceability.

Finally, the tool is remotely upgradable in order to keep up to date with the latest features.

**A Go-NoGo Clad detection option, making it simple for everyone**

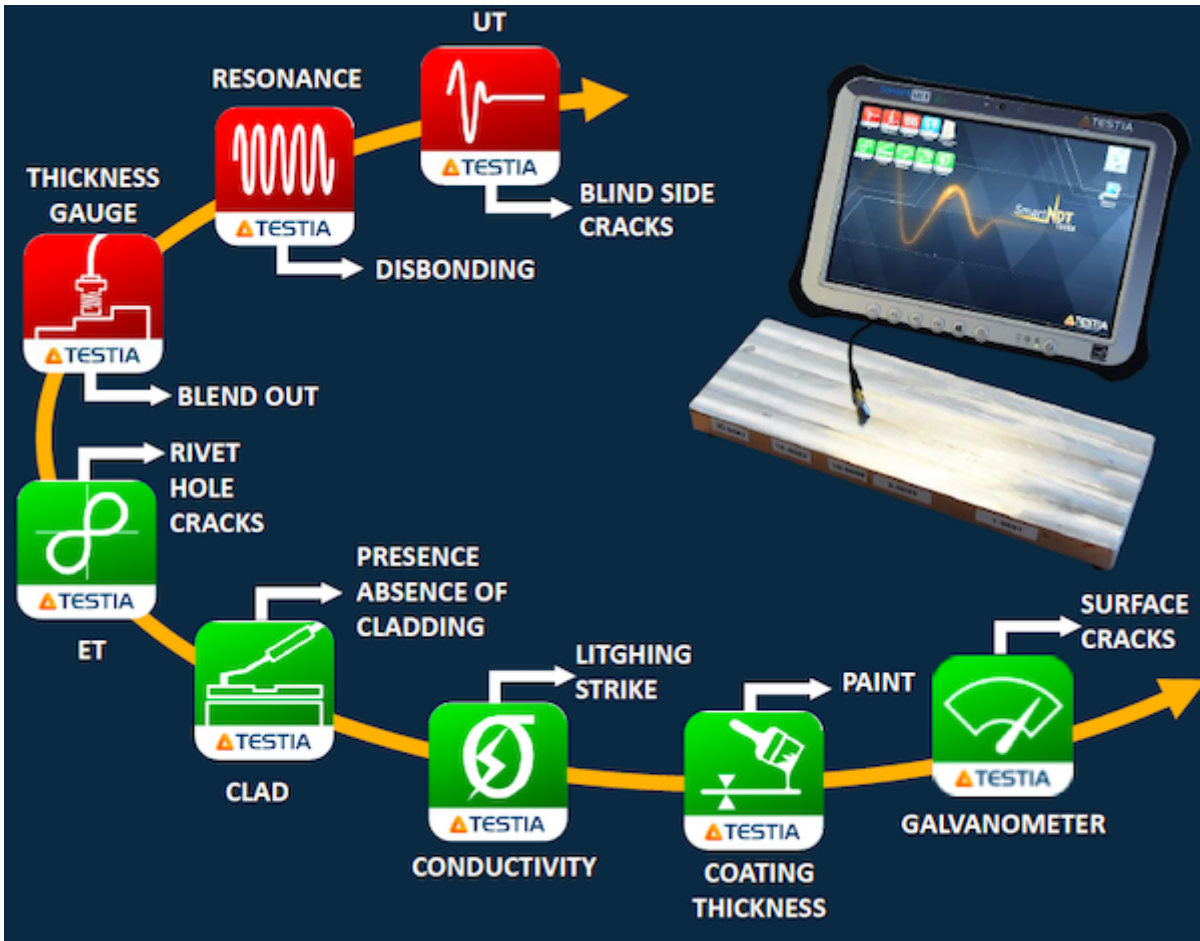
On top of being the daily tool of the NDT inspectors, the SmartUE1 can come as a CladTool configuration that makes it usable by any technician or B1 mechanics for a specific task: clad detection. As impacts or blendouts can remove the mandatory "clad" layer, this option allows anyone to perform a swift Go-NoGo assessment – without having to call an expert.

**A tailor-made device for Aerospace**

The SmartUE1 was designed especially for Aerospace. Would that be through the variety of applications or the step-by-step configuration, the device is making everything faster and safer in the aerospace world. Moreover, it is already certified and referenced for most current Aerospace applications (Airbus AITMs, NTMs...) and can be used on mixed-fleets.

With today's release, the SmartUE1 is going-beyond in its automation support through key new features:

- Ergonomic user interface
- Extended frequency range
- Step by step inspection philosophy
- Assisted calibration
- Go/NoGo tailored module
- Manual and/or automated grid-mapping
- Rapid grid reporting with pre-defined statistics



04 NOVEMBER 2020

**ARTICLE LINK:**

<https://50skyshades.com/index.php/news/maintenance-trainings/testia-joramco-launch-a-new-veersion-of-the-smartue1>