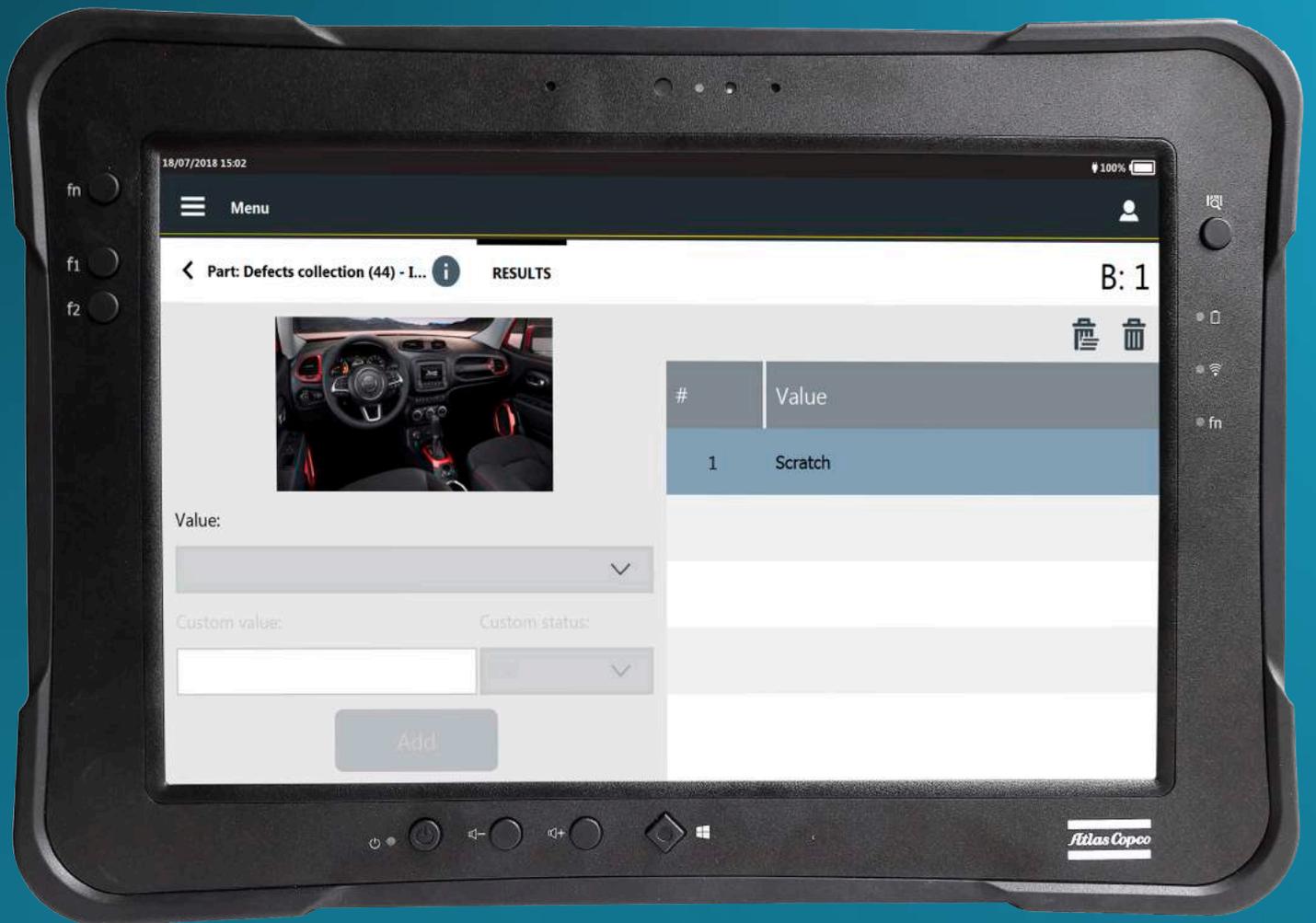




Smart Connected Quality

Empowering the vision of Industry 4.0

Atlas Copco



STpad

STpad is the core of the OA activities thanks to its versatility. It can be used for tool check in combination with STbench and IRC-Connect, joint check with STwrench and to collect results from visual inspections.

- The tool check functionalities combine the highest level of performance of the STbench with the extreme ergo-

nomics of the wireless IRC-Connect making the solution suitable for all the needs

- The joint check functionalities add flexibility of test and operator guidance to the STwrench
- The visual check application is the ultimate solution to standardize the process and keep the full traceability also in this aspect of the Quality process.



**TEST
FLEXIBILITY**



**RUGGED
DESIGN**



**WIRELESS
CONNECTIVITY**



**OPERATOR
GUIDANCE**

STpad	8059 095 700
License for Tool Check*	8059 098 165
License for Joint Check*	8059 098 166
License for Visual Check*	8059 098 167

*License is necessary for product usage





STbench

The test is quick and effective as there is no need of loosening. Thanks to the enhanced hydraulic technology, this operation is faster than ever saving both operators' time and fatigue.

The state of the art transducer technology makes the STbench immediately recognize all the connected transducers: integrated, wired and wireless.

The LEDs on transducers and the intuitive touch screen interface guide the operator in

the test. It is also possible to detect all the different steps of a multiple step tightening when an external transducer is connected.

Atlas Copco developed the new STbench to have the best torque and angle test accuracy and stability.

The joint simulation functionalities can replicate the real joint characteristics and guarantee tool testing in the real operating conditions without interfering with the production process.



HIGH ACCURACY



QUICK OPERATIONS



LESS EFFORT



ERROR PROOFING

STbench orders need to be agreed with the Marketing team in this stage

Supervisor

QA Supervisor is the new innovative software for the complete process management.

It fully manages the tool, joint and visual check processes in any detail

QA Supervisor is a server based software that makes it easy for the quality manager to access from any web browser to control the status of the tests of the complete line from any location.

In fact every single detail of the plant structure can be defined into QA Supervisor, from the lines definition to the station set up including production tightening specification, from the list of each tool used in every location to the characteristics of the specific bolt type that is tighten in any application.

QA Supervisor keeps track of every change that happens in the line setup, this makes any audit quick and effective as data are clearly and historically presented.

QA Supervisor features the latest technology for Quality software with powerful and user friendly functionalities, it represents the natural complement of every Quality Assurance testing setup as it helps, controlling and monitoring the process, to prevent quality issues in the production line.



Tool Check feature	8059098230
Joint Check feature	8059098231
Visual Check feature	8059098233
1 measurement device	8059098238
5 measurement devices	8059098239
10 measurement devices	8059098240
QA Supervisor JSB client	8059098250



The STa 6000 device connected to QA Supervisor provides a wide range of additional traceability and reporting features to the data analyzer. There is a dedicated license for the installation of STa 6000 that allows to perform tool check operations with the STa 6000 only for a simple and effective tools maintenance.



**INNOVATIVE
INTERFACE**



**WEB BROWSER
BASED**



**FULL PROCESS
TRACEABILITY**



**QUALITY PROCESS
PLANNING AND
MONITORING**



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