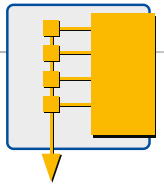# JULIET
JTAG Unlimited Tester

- **Complete JTAG / Boundary Scan Tester in a desktop system for prototyping and production**

- **Integrated system electronics**

- **Exchangeable adaptor for the easy use of probes or real connectors**

- **Controlled by external PC or laptop via USB 2.0 or LAN**

- **Allows the execution of Boundary Scan Tests, In-System Programming of Flash / PLD / MCU, and functional emulation tests (VarioTAP®)**

JULIET is a professional JTAG / Boundary Scan Tester suitable for production. It combines the complete system electronics together with the adaptation of the UUT via an exchangeable adaptor in a compact system.

The JULIET testers are based on standard components like SYSTEM CASCON™, SCANBOOSTER™, and SCANFLEX®, hence they are compatible to systems already used in development, and flexibly upgradable. A total of six different JULIET versions cover all possible production applications, from the simple test execution to the complete repair station with graphical failure visualisation, and make the system ideal for fast prototyping and low volume production.

Test & Measurement World

BEST IN TEST

AWARD WINNER

GOEPEL electronic

Get the total Coverage!

Dimensions: 640 x 520 x 340 mm
Weight: approx. 30 kg
System voltage: 100..240 V~ 50..60 Hz
Power: approx. 75 VA max.
Environment: 15°C..35°C

General specifications —

PC interface: USB 2.0 / LAN
UUT interface: exchangeable adaptor
Board clamp: manual leverage
Contacts: probes / connectors
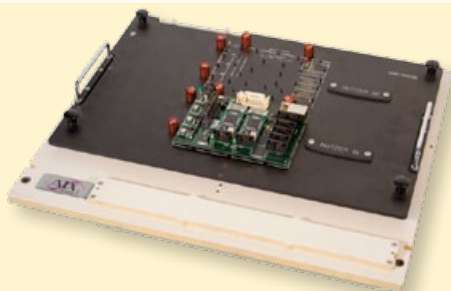Probes (max.):   ~300
Effective area: 340 x 230 mm

Control and mechanics —

- START / STOP button
- YES / NO button
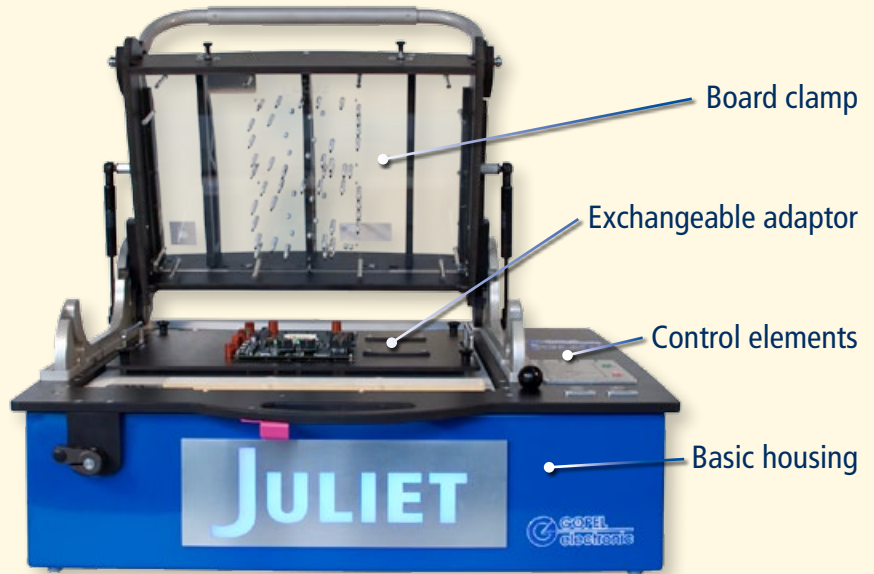- Status LED
- PASS / FAIL LED
- Power ON / OFF button

Integrated control elements —

- Barcode reader
- Blank adaptor for prototype test
- Blank adaptor with downholder

System options —

Board clamp

Exchangeable adaptor

Control elements

Basic housing

Example of an exchangeable adaptor for 2-fold benefit

JULIET version	BASE	STANDARD
Voltage UUT	4	4
Bank / Gang Test	2 / -	4 / 4
Digital I/O channels	96	192
Programmable Vio	1,8 / 2,5 / 3,3 V	1,8 / 2,5 / 3,3 V
Analogue I/O channels	16 / 8	32 / 16
Opto I/O channels	8	16
RS232/RS485 interface	4 / 2	8 / 4
TCK maximum	16 MHz	50 MHz
Number of TAPs	2	4
Control interface	USB 2.0	USB 2.0 / LAN
Controller architecture	SCANBOOSTER™	SCANFLEX®
Software architecture	SYSTEM CASCON™	SYSTEM CASCON™
Upgradeability	ext. I/O	ext. I/O + SFX I/O

Available JULIET stations

JULIET station	Execution	Failure Diagnostics	Debugging	Failure Visualisation
Run Time Station	✔			
Failure Diagnostic Station	✔	✔		
Debug and Repair Station	✔	✔	✔	✔

Get the total Coverage!

ISO 9001 certified