

◆ Table-Test-Line (TTL)

The Table Test Line (TTL) is the new and most compact test handler from CRS.

Due to the space saving construction, it is possible to put the machine on a work table. As the PCB's are manually placed on the handler they are tested in a similar way as with an inline system but the rate can be controlled by the operator.

The TTL machine is based on a one stroke pneumatic drive, whereby the top and bottom probe plates can be independently driven.

The width adjustment for the conveyor is adjusted with a handwheel. The conveyor speed is flexibly adjustable using a turning knob.

Due to the self-explanatory operating elements and the maintenance free working process, the TTL is a perfect solution for testing low and average amounts of PCBs .

A Siemens PLC with „One key operation“ is integrated for ensured running.

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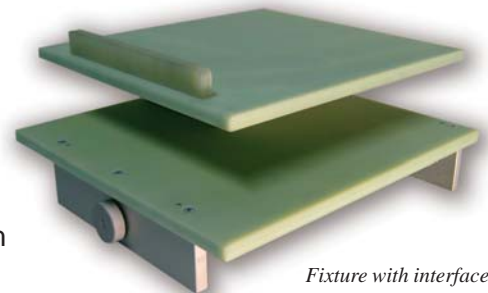


We test it

Table-Test-Line (TTL)

Because of easy handling, the fixture can be changed in ca. 1 minute.

The fixtures are coded through the interface.



Fixture with interface

Technical details:

External dimensions without conveyor:	610 x 490 x 525 mm (LxWxH)
External dimensions with conveyor:	1820 x 490 x 525 mm (LxWxH)
Power supply:	230 VAC, 16 A
Air pressure:	5-6 bar
Interface:	VG-Connector back at the machine
Dimensions PCB:	200 x 240 mm (WxL)
Components height:	40 mm
Height solder side:	15 mm
PCB-conveyor area:	2 x 3 mm
Distance tooling pin to the PCB outside:	4 mm + ½ D-TP
Testpad:	D > 0,7 mm
Grid:	>= 1,27 mm (50 mil)
Testprobes:	Standardprobes for 100/75/50 mil Installation height 10 – 22 mm
Max. probe force:	1000 N
Fixture drive:	pneumatic drive for one stroke contact