



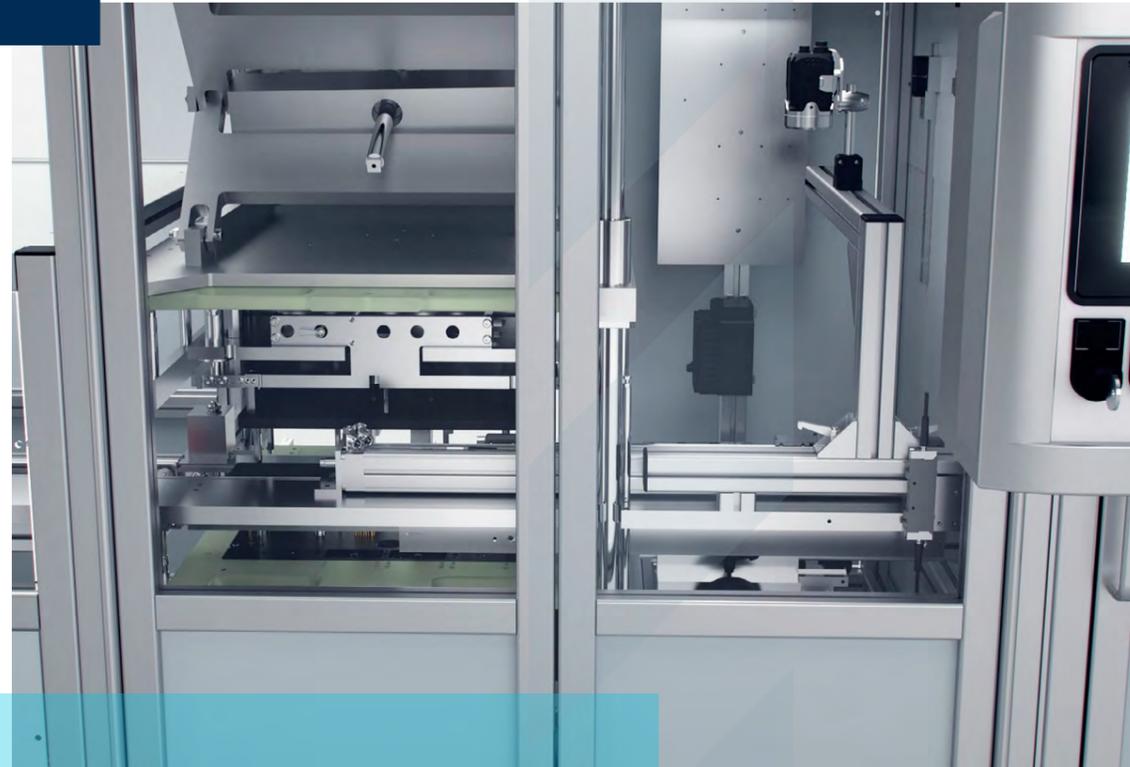
TCIL TEST CELL

Test after test after
test...

Test cell TCIL

Ensure quality Precise - solid - fast

With the TCIL test cell, you can ensure the quality of your products and take test automation and PCB testing to a new level. The TCIL from Pematech can be used, within a production line in in-line operation, for in-circuit test, functional test and end-of-line test (EOL test). In addition, with the TCIL flash programming of printed circuit boards is possible. The contacting of the PCBs can be done from all sides. Depending on the TCIL configuration, it is also possible to test printed circuit boards segment by segment in step mode.



Features

- Contacting of the test item from all sides
- Step operation for multiple Pcb panels
- Compatibility with all common test systems
- Short adapter set-up times
- Precision 4-column guidance

Optionen

- Dual Lane
- Barcodescanner
- Integration of fail- and by-pass transport conveyor
- High frequency shielding
- Automatic width adjustment
- Double interface (1700 additional test leads)
- Bulkhead as access protection
- Bracket for 19" racks
- Remote maintenance module
- SMEMA interface



Perfectly coordinated with three configurations

Always the right test automation for your product!

TCIL Basic

with pneumatic cylinder

- max. 340 test points (with 3 N contact pins)
- handling time approx. 7.5 sec.
- cost-effective entry-level model

TCIL Professional

with toggle-lever mechanism, Spindle drive with AC servo motor

- max. contact force of 10,000 N
- max. 3060 test points
- handling time approx. 6 sec.
- Several contacting levels allow the combination of ICT and FKT



Push option

The integration of our pusher minimizes the handling time further by valuable seconds! In addition, the push option allows you to test and program your printed circuit boards in step mode.

Technical data

Test cell		
Dimensions L x W x H 1000 x 940 x 2000 mm	Transport height 950 mm +- 25mm	Control Siemens S7 PLC
Printed circuit board / Workpiece carrier specification	TCIL with conveyor belt	TCIL with pusher
Dimensions (L x W)	max. 400 x 400 mm min. 80 x 50 mm	max. 390 x 275 mm min. 145 x 50 mm
Ratio L/W	min. 1	min. 1
Material thickness	min. 1,5 mm	min. 1,5 mm



WE LIVE AUTOMATION!

With us you will find the right assembly and test system for your products!
Get in touch with us now: [Contact](#)

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