



ML-TCIL

Multilevel test cell

The efficient
all-rounder!

Multilevel test cell ML-TCIL

Assure quality compact and fast

The ML-TCIL multilevel test cell offers the possibility of using up to 8 pneumatic or 6 servo contact units simultaneously. All test procedures can be the same, i.e. only function test (FCT), in circuit test (ICT) or flash programming, or different procedures can be used simultaneously. In this way, the ML-TCIL offers maximum output and maximum variety with maximum compactness.



ICT, FCT, flash - Mix and Match



The ML-TCIL is designed to be compatible with all Pematech fixture sets of the various processes (ICT, FCT, flash programming) through standardized interfaces. The ML-TCIL is easily adaptable to varying test requirements, making it extremely flexible and offering short set-up times.

Features

- Use of up to 8 contacting stations possible at the same time
- Contacting of the test object from all sides
- Distribution of the printed circuit boards by integrated lift
- Compatibility with all common test systems
- Short adapter set-up times

Advantages

- High production volume
- Flexibly adaptable
- Test systems easily interchangeable
- Compact



Options

- Host computer connection
- Remote connection Siemens
- Manual width adjustment
- Scanner integration
- Conversion kit for change-over sets from servo to pneumatic version (lower lifting height)

Printed circuit board specification

Dimensions
max. 400 x 400 mm (L x B)

Ratio L to W
min. 1

Weight
max. 3 kg

Component height
Pneumatic:
Top side max. 50 mm
Bottom side max. 18 mm
Servo:
Top side max. 120 mm
Bottom side max. 18 mm

Component-free transport edge
min. 3 mm

Fast cycle times even with long test times

The ML-TCIL multilevel test cell enables fast cycle times through the use of up to 8 contacting stations, even with long test times, as several products can be tested simultaneously. In this way, you can meet the cycle times even for products with long test times!

Technical data



Dimensions
2050 x 1900 x 2600 mm

Safety control
Siemens PLC

Transport height
950 mm +/-25 mm

Transportspeed
12m/min with belt conveyor

Weight
1,5 - 2 t

Width adjustment
50 - 405 mm optional, manual

Power supply
240 VAC, 50-60 Hz, 30 A

6,5 - 8 bar oil-free and filtered compressed air

Test point count
TCIL Basic
max. 340 test points (with 3 N test points)

Control cabinet
free standing / decoupled

TCIL Professional
max. 3060 test points (with 3 N pins)

WE LIVE AUTOMATION!

With us you will find the right assembly and test system for your products!

Get in touch with us now: [Contact](#)

PEMATECH



Pematech GmbH
Robert-Gerwig-Str. 23/25
78315 Radolfzell
+49 77 32 80 07-100
info@pematech.de
www.pematech.de

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