



Fineliner

PARALLELTESTER FOR 0,3mm TEST POINT



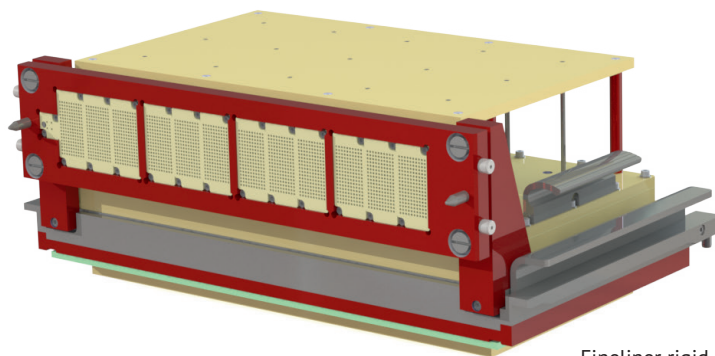
The parallel tester Fineliner enables two-sided contact with fine structures. With visual detection of both substrate sides and corresponding adapter position correction $\geq 300\mu\text{m}$ test points can be contacted. The rigid needle adapter with a pitch of $\geq 400\mu\text{m}$ also allows a high contact density. This results in a large test depth on the substrate. The integrated DMC reader ensures a correct test result assignment. Multiple PCB can be tested step by step through in the X-direction of the Fineliner, further eliminating substrate tolerances in the X-direction, and enabling more cost-effective adapters and measurement techniques. A quick-release system with identifiable replacement kits ensures safe and quick retooling.

The measuring technology can be defined customer-specifically. There are 2040 pylon interface points per side.

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Specifications

machine type	paralleltester
substrate feed	Inline, magazine
band width	automatically adjustable
measurements	customizing
adapter typ	adapter with rigid needle or spring probes
contacting way	double-sided
contacting area	192 x 400mm
contacting force	6000N per site
test point size	≥ 300µm
test point pitch	≥ 400µm
max. substrate size	200 x 400mm
substrate thickness	0.5 - 3mm
max. component height	21mm
fixating substrate	clamping system
substrate edge	≥ 3mm
PRS / camera	both sides
control	brick.Technology with Windows 10
user interface Finliner	21" touchmonitor
user interface measurement	21" touchmonitor with keyboard
communication	SMEMA
dimension (WxDxH)	1451 x 1000 x 1945mm
weight	1900kg
supply	3 x 400V, 50 / 60Hz, 3kW, 6 bar air pressure



Fineliner rigid needle adapter