PCB TEST AUTOMATION

Automated PCB Test Cell

Connect PCB loading, positioning, electrical measurement, and unloading in a system designed around your board and test process.

PARAMETER	CONFIGURATION
Device under test	PCB format, dimensions, thickness, and access defined per project
Measurement instrument	Customer-selected VNA, subject to integration review
Test access	Probe or connector interface selected for the board and measurement
Board registration	Located and fixtured to the agreed test datum
Motion and positioning	Travel, access, and positioning requirements specified during engineering
Loading and unloading	Manual, assisted, or automated handling defined in the system scope
Test sequence	Coordinated positioning and instrument measurement steps
Identification and results	Board identification, test records, and export requirements scoped per project
Throughput	Established from board format, test-point count, instrument settings, and handling sequence
Utilities and footprint	Confirmed in the system proposal and installation documentation
Acceptance	Agreed sample boards, measurement criteria, and handling sequence

PROJECT INPUTS

Provide representative boards or drawings, instrument requirements, test locations, anticipated volume, and the desired loading method. Performance values are agreed after application review.

Final specifications are application-specific and confirmed in the project quotation.

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