digitaltest

IN-CIRCUIT TESTER	FLYING PROBE TESTER

19 INCH TESTER

be flexible

SPARROW
MTS 30

> Up to 1,152 pins
> Small footprint
> 19 inch portable rack
> Interface for fast exchange of cards

The Sparrow provides the highest level of flexibility and test capability in a small footprint.

PNEUMATIC PRESS

be economical

EAGLE
MTS 180

> Up to 3,456 pins at 5,500 N
> Economical fixture solutions
> Double side testing
> Interface for fast exchange of fixtures

The Eagle offers low testing cost for high volume with even the most complex fixture applications.

VACUUM INTERFACE

be multifunctional

SIGMA
MTS 300

> Up to 3,456 pins
> Vacuum interface
> Short measurement paths
> Emulation of existing fixtures and test programs

The Sigma is an extremely powerful system with a high throughput. With up to 1,000 measurements per second, it is one of the fastest test systems on the market.

HIGH PERFORMANCE

be powerfull

OMEGA
MTS 888

> Up to 7,040 pins
> Ergonomic handling
> Saves time to market: the fixture build can start while test program is being generated

The Omega is our high performance tester, with the highest test pin count.

FLYING PROBE

be universal

CONDOR
MTS 505

> 4 heads linear probe system
> Prototype and production testing
> Frontloader, also available in-line
> Bottom side probing with up to 1,012 fixed test pins or optional fixture capability

The Condor system is perfectly suitable for electronic manufacturers (EMS), due to its flexible fixtureless testing capabilities.

LAMBDA edition

All bed of nails test systems are available in Lambda edition, which enables real parallel testing.

Lambda edition can reduce testime by 50 % for 2 test units, 75 % for 4 test units or even more.

The Condor Flying Probe Tester is also available as in-line version. It can be fully integrated into your production line.

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C-LINK DTM
CAD/CAM SOFTWARE

Design to Manufacturing Software

> Cuts test cost
> Improves product quality
> Instant data generation
> Automatic BOM import
> Rapid, error free, complete data processing
> Automatic data generation for fixtures & test programs
> Redesign & compare board features

CITE
COMPUTER INTEGRATED TEST ENVIRONMENT

Test System Software

> Automatic test program generation
> Interactive debug interface supported by layout & schematics viewer
> GenFast: simple table interface for fast parameter definition & global adjustments
> Flexible program environment with VB6, VB .NET alone or with GenFast

QMAN
PAPERLESS REPAIR SOFTWARE

Quality Management Software

> Fast failure diagnosis & repair
> Enables to draw conclusions and decisions to improve performance and quality
> Visual inspection stations with checklist
> Self learning repair knowledgebase
> Produces comprehensive drill down reports for statistics and analysis
>

CAD VIEWER

System Software

> Displays converted CAD data from electronic boards and is easy to use in various places in electronics manufacturing
> Available as Layout Viewer
> Available as Schematics Viewer

APPLICATION SERVICE

Applications

> Test applications development for Digitaltest systems
> Design of interface converters for re-use of existing fixtures
> Emulate / convert legacy test equipment
> Test coverage analysis & fixture design
> Test program optimization

CONTRACT BOARD TEST

Contract Board Test

> Testing service on bed of nails or flying probe test system
> Possible tests: analog / digital ICT, FCT & vectorless test, boundary scan, memory programming, vision tests
> Detailed test result report
> QMAN reports for statistics and analysis

DIGITIZER SERVICE

Regeneration of CAD Design

> Recovery of CAD data
> Creation of schematics & BOM
> Also available as Digitizer 2.0 software & sold in combination with Condor flying probe system

DESIGN VERIFICATION

Design Verification

> Design for Testability (DFT) Verification of your pcb
> Analysis of design data and calculation of testability (Test Coverage Report)
> Estimation of test time (cycle time) for ideal production planning

Company

Digitaltest is a strong partner of the electronics industry and has more than 35 years of experience in development, implementation and support of automated test equipment (ATE) for electronic printed circuit boards.

The complete product portfolio of the global company includes hardware technology, software to automate the production and evaluate the production process with its quality management software.

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