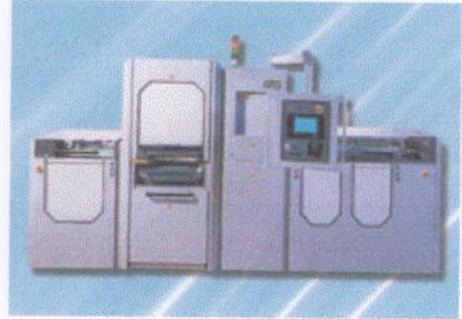
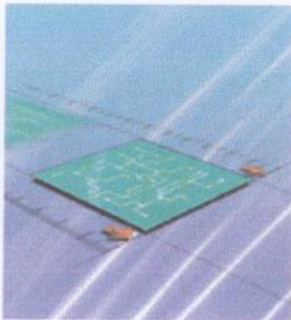


A 1500-a



Double-sided and automatic

Not the product must adjust itself to the test system, the test system adjusts to the product. Based on this ideology, the universal test system A 1500-a which is combining operational reliability with precision and careful product handling, was developed.



Precise and careful at the same time

Due to its product-independent transport philosophy the A 1500-a can, precisely, carefully and even avoiding wear, transport test specimens with unusual contours, extreme weight, flexible condition and extremely sensitive surfaces.

Set-up time - the key for the just-in-time production

Expensive storing is out of date, the customer wants exactly the quantity he needs at the moment. For you as the producer, this implies frequent product changes. The set-up time (the time needed for changing from one product to another) therefore becomes the decisive factor for success and productivity.

The A 1500-a saves all important machine data directly with the product data. Consequently, the set-up

times are decreased and an increase in reliability is induced, since the manual input of the product and

machine data becomes unnecessary. All important information is automatically collected after the insertion of the test data and the machine automatically adapts to the given parameters.

Auto retest for 100% test

A tested product labeled "bad" remains in the test unit and immediately undergoes the selective retest.

An additional handling of the boards, such as a repeated insertion into the test system, therefore eliminated.

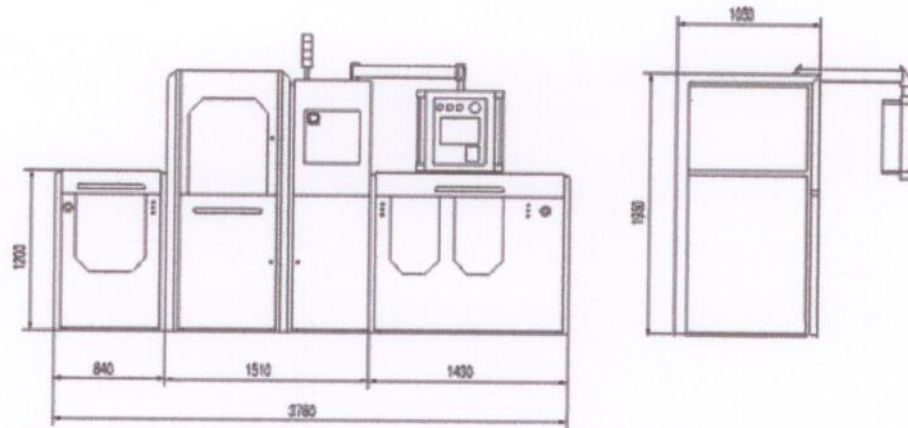
Variable marking system

The system lets you choose which test specimen you would like to mark. Either using the whole panel

or every single one, independent on which stacker the test specimen is located. Every possibility up

to you

Specifications

**Automatic test system**

- *Sorting*
automatic Good / Bad
- *Marking*
Automatic Good marking
(option)

Bord feeders

- *Control*
via colour touch monitor with
operator software
- *Teach-In*
values automatically saved
with the test data

Test area

- *Area bottom side*
406 x 487 mm
16" x 19.2"
- *top side*
406 x 487 mm
16" x 19.2"
- *Test points bottom side*
30,720
- *bottom side*
30,720
- *Basic grid*
SD 2.54 mm
- *V-grid*
DD 1.27 mm (option)
- *Maximal height of fixturing*
165 mm to 200 mm
(in steps)

Preparing time

- *Stacker*
extremely short because of
easy handling

Capacity

- *Loading stacker*
450 mm
- *Unloading stacker*
450 mm
- *Bad stacker*
450 mm

Bare board definition

- *Thickness*
0.2 to 3 mm
- *Outline*
no restrictions

Programming

- *Input*
CAD Data
- *Learning*
selflearning from know good
board

More options

- *ethernet*
- *barcode printer*
- *height adjustment to 3.75" on
both sides*

Environmental conditions

- *Temperature*

- *Height adjustment*
100 mm

Fixturing

All know rigid pin fixtures and translators

Test parameter

- *Test current*
up to 50mA
(programmable)
- *Test Voltage*
10 V to 250 V
(programmable)
- *Continuity test*
5 Ohm to 10 KOhm
(depends on fixturing)
- *Short circuit test*
 - up to 10 MOhm
(programmable)
 - up to 100 MOhm
(programmable)
 - (option)

Diagnostics

- *Self diagnostics*
automatically

18°C to 25°C

- *Relative humidity*
 - 45 % to 65 % (10 MOhm)
 - 55 % to 60 % (100 MOhm)

Requirements

- *Power*
 - 3 x 400 V / 50 Hz
 - 3 x 208 V / 60 Hz
 - (option)
- *Air*
compressed and filtered air
6 bar (approx. 90 psi)

Weight

- *from*
1500 kg