MSKD Technologies

THERMACORE™

T210
High Temperature Rotary Turret Test Handler

Thermacore - T210

Thermacore Series - High Temperature Capability

Our ThermaCore Series T210 rotary turret high-temperature test sorter is specifically engineered for products that require high-temperature testing, such as discrete devices and IC components.

By incorporating high-temperature testing capabilities, it improves upon its existing room temperature performance, ensuring stability and reliability.

This sorter is versatile, suitable for both room temperature and high-temperature testing and sorting of components including PDFN, DFN, MSOP, SOT, SOP, SOD, TO, SMA, B, C, and others.

Key Features

- Accomodate room and high temperature testing and sorting
- Support Temperature Range 30~180°C ± 3°C
- High UPH ≥ 10,000K , Test Time less than 200ms (With DFN3*3)
- Precise Positioning with 0.005mm and 0.1 degree of accuracy

Productivity

- Suitable for : PDFN, DFN, MSOP, SOT, SOP , SOD , TO , SMA/B/C, etc
- Available Up to 4 High Temperature Stations
- Using Sharpnel Contact
- Driven by DDR Motor, features 36 nozzles to accu

Specification

- Power Supply : ACC220V/380V +/- 10%, 50/60Hz
- Air Pressure : 0.4-0.7MPa
- Dimension :
- Stability : MTBA>60min MTTA 168H

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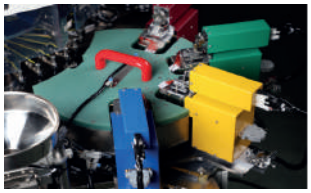
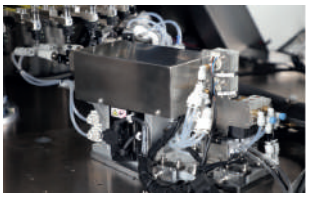


Secondary tower heating device, featuring precise high-temperature control on the heating plate.



Quickly flip components and adjust device orientation with a high-speed, straightforward structure.

The cooling sub-disc utilizes vortex tube technology for rapid cooling.

Noozle	: Nozzle with shielding and automatic height correction functions.
Feeding	: Automatic feeding via vibrating disk device.
Braiding Component	: Offers automatic feeding in addition to simple automatic braiding
Marking Disc	: Laser marking, vacuuming, marking visual detection, etc
Marking Specification	: 10W laser marking equipment / 20W pulse marking equipment (optional); Marking area: 110mm x 110mm / 70mm x 70mm; Wire engraving speed: up to 7000mm/s; Minimum character size: 0.5 x 0.3; Output power: 0-10W / 20W optional.
Image Parameter	: Camera and resolution: 1.6-megapixel CCD camera with H1280xV1080 pixel resolution; accuracy: ≤0.015mm/pixel; Cycle time: less than 50ms
Bus Program	: High precision and fast speed, with fully adjustable servo parameters for easy equipment debugging and monitoring. MTBA records original data, equipment operation logs, fault alarm codes, and other information permanently stored.
Optional	: Post-seal image inspection function

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