

Scan station



NTM 600SC

The Scan station integrates the 'Adomo' (Advanced Optical Modulation) system from the company MODI. This system enables the inspection of large areas with high resolution and short cycle times using stepper controlled mirror heads within the Adomo module. One of the applications is the scanning of 1D/2D codes at multiple positions.

The camera field of view can deflect from one position to another with an accuracy of 1 µm within just a few milliseconds. The process is controlled by an integral microprocessor that not only enables the precise movement of the mirror to each position, but also controls the camera synchronisation. Depending on the application, the system can be equipped with cameras with resolutions of 0.5-4 Megapixels.



	NTM 600SC
Machine dimensions (l x w x h)	600 x 1000 x 1700 mm
Weight	150 kg
Applicable PCB length	80 mm - 460 mm
Applicable PCB width	80 mm - 460 mm
Fixed rail to front dimension (A)	332 mm

Standard features

- ADOMO Camera System.
- Applicable scan area of max. 460 mm x 460 mm (depending on application).
- PC running complimentary VCSP software package.
- Extreme short inspection times.
- High-density flat screen.
- Sliding keyboard tray.
- Hinged front cover and rear access door.
- Integrated ESD edge belt conveyor.
- Electrical conveyor width adjustment.
- Selectable by-pass operation.
- Towerlight display for machine status.

Technical specifications

Transfer height:	950 mm ± 25 mm*
Colour:	RAL 9002*
Flow direction:	Left to Right*
Fixed rail:	Front*
Machine interface:	SMEMA*
Conveyor type:	3 mm ESD edge belt
Belt speed:	Fixed in/out (14 m/min) & variable at stopper position
System software:	Windows XP
Network interface:	Ethernet
Component clearance:	Top 30 mm, bottom 30 mm
Power supply:	230 VAC/50 Hz/1 Ph
Power consumption:	600 VA max.
Air supply:	6 bar
Air consumption:	1 ltr/min max.
	* or specify

Options

- Program controlled conveyor width adjustment
 - Database- and network connection
 - Double-sided scanning
- Other options available on request

