

MT-12 Specifications

Measurement Accuracies

Height:	better than 0.5 mm
Length/Width:	+/-1.0 mm
Total Volume:	1%
Diameter:	+/-1.0 mm
Color:	+/-1dbu

Object Characteristics

Throughput:	Up to 50 objects per second (30000/min)
Max. Length:	User defined (based on belt length)
Max width	300 mm (12 inches) across belt
Max. Height:	200 mm (8inches)

Computing

CPU:	Intel dual core Pentium
HDD:	100GB
Memory:	1GB
Interface:	VGA Touchscreen
OS:	WinXP
Comms	Ethernet(10/100BaseT), modem, serial, USB
Field of View	less than 1 inch to 12 inches
2D Imaging	1K color (CamLink) line scan (upgradeable to 2K or 4K resolution)
3D Profiling	1K CamLink area scan (upgradeable to 2K or 4K resolution)

Environmental

Max. Temp.:	50° C (122° F)
Min. Temp:	2° C (36° F)
Humidity:	5% to 95% (non-condensing)
Temp control:	Air conditioned cabinets and enclosures

Structural

Frame.:	Square tube stainless steel
Enclosures:	1/8in Polished Stainless steel
Belt Height:	39" (+/- 5")

Power

Elec. Enclosure:	20A @ 120/240 VAC/60Hz, 1PH
Conveyor Drive:	6A @:240,460,575/ VAC/60Hz,3PH
Air:	30cfm @ 80psig (min)

* All specifications subject to change without notice.

System Options:

- Rejection Subsystem
- Virtually unlimited conveyor types
- Object redirection/flow management
- Recirculation, accumulation, flow control
- NEMA4x Rating
- Additional user interface
- Alarms - visual and/or audible
- External device interface support
- Robotic/intelligent material handling