

# Image Inspector

Section for Transfer / Inspection

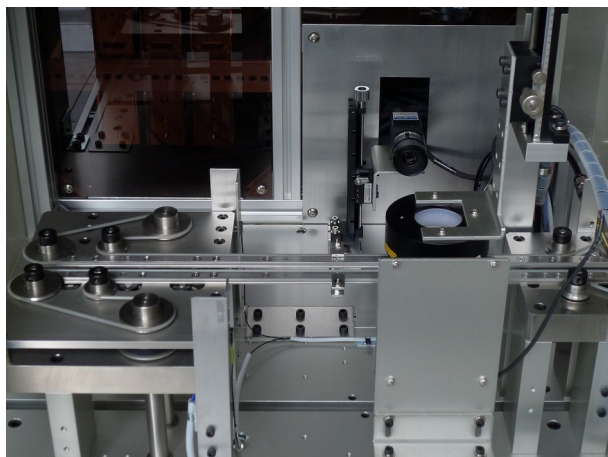


Image of touch panel



Twistor series TW-100 (for screws / bolt)

Sample of a screw / bolt



TW-100 sorts the screw which transported with a belt in OK and NG by image inspection of a top & side camera.

## Features

- ① A side camera measures height of a head, axis length, pitch, outer diameter, groove diameter of a screw. A top camera inspects form, diameter of the head and color.
- ② The screw which inspected sorts it in OK and NG by air. And confirm them with an exit sensor.
- ③ Screw exchange preparation time is about 1 second. Choose screw size of touch panel and change an interval of a transfer belt automatically.

## Specifications

Processing ability	Max1200pcs/min (20pcs/sec) ※It is different by size and supply ability of a screw.
Kind of a screw / bolt	Hexagon, with flange, weld, etc
Size	M5,M6,M8,M10,M12,M14,M16
Length	10 - 50mm
Interval of a transfer belt	5.5 - 16.5mm (Max 16 points)
Belt speed	40 - 800mm/s
Transfer method	Chinning, Headstand (weld screw)
CCD camera	Color 1, Monochrome 1
Exit sensor	OK 1, NG 1
Air	More than 0.5MPa (hold a pressure sensor)
Power supply	1 Φ AC200V / AC220V 1.2kw
External dimensions	(D)855 × (W)905 × (H)1920 mm
Weight	about 100 - 150kg



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