

AUTOMATIC VISION INSPECTION MACHINE

AUTOMATIC INSPECTION OF LARGE
QUANTITIES OF WORKPIECES

SIZES MEASUREMENT AND
DETECTION OF SURFACE DEFECTS

AUTOMATIC SORTING

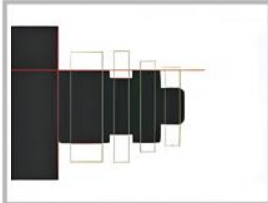
CUSTOM-MADE



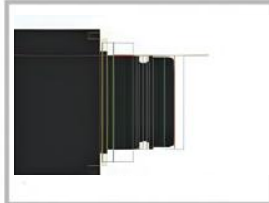
- For testing fasteners, mobile phone parts, plastical products, electronic components and special-shaped hardware, etc
- Can be equipped with laser, marking, automatic counting and packing, automatic feeding, eddy probe (detecting heat treatment)

SPECIFICATION

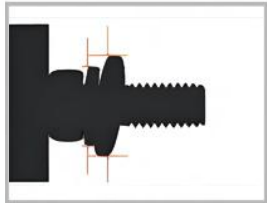
Head diameter of workpiece	1-25mm
Height of workpiece	1-40mm
Sorting accuracy	$\pm 0.005 \sim \pm 0.02\text{mm}$
Air pressure	5kg/cm ²
PC mainframe	industrial computer
Digital camera	8 sets of industrial cameras (to be determined according to the actual situation)
Weight	800kg
Dimension (L×W×H)	1500×1100×1800mm



multi-width



multi-height



gasket



welding height

APPLICABLE PRODUCTS



precision screws



nuts



automotive fasteners



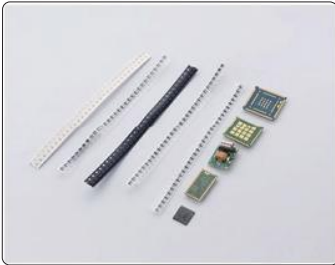
new energy parts



electronic products



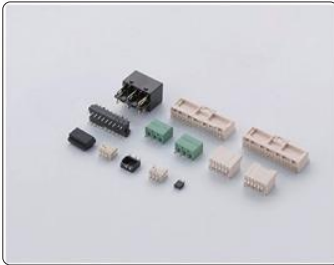
plastic or rubber parts



semiconductor workpieces



magnetic products



connectors



powder metallurgy

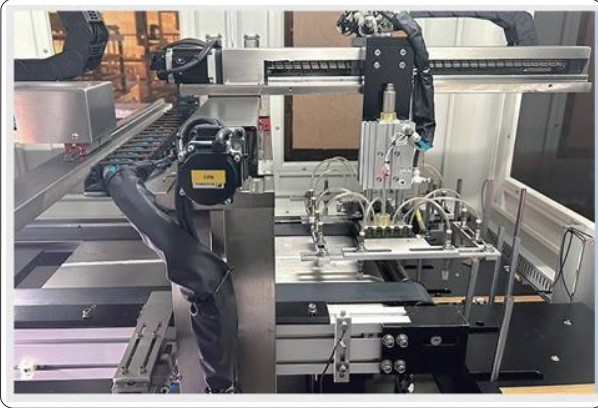


capacitance resistances

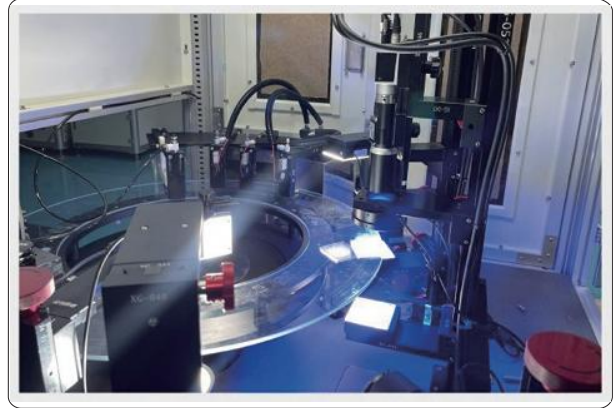


electronic cigarettes

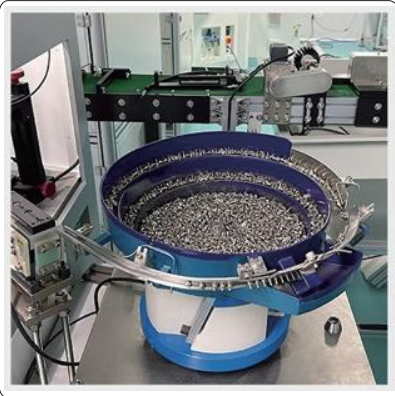
INTERNAL STRUCTURE



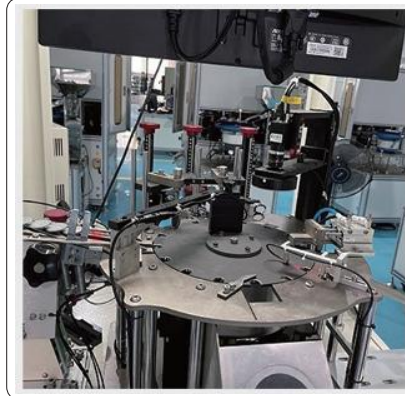
electrical system



glass sorting plate



vibratory feeder loading



turntable structure

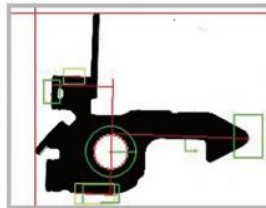


multiple cameras detection

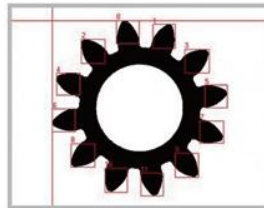
PARTS EXAMPLE



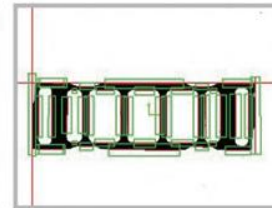
burr in hole



special stamping



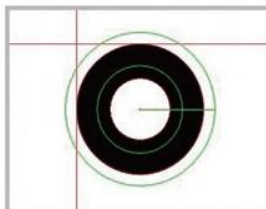
number of tooth



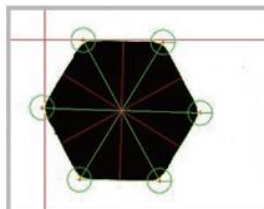
special hardware



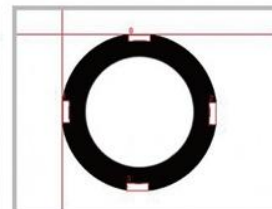
cross recess excess material



concentricity, roundness



diagonal, opposite side



gap