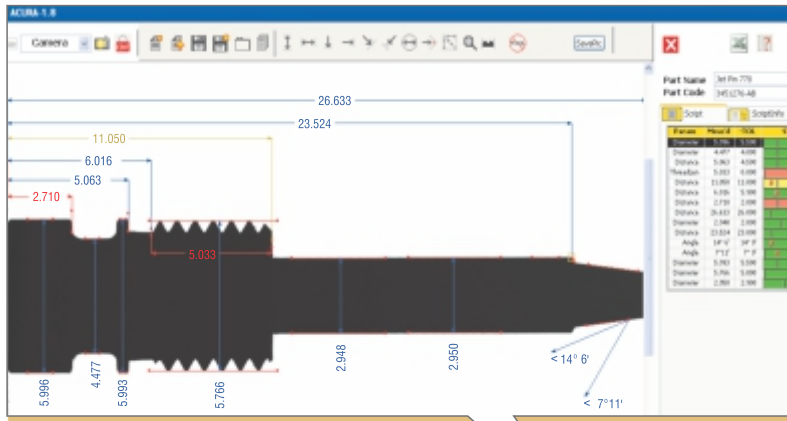


**CAN YOU MEASURE THIS  
IN LESS THAN A SECOND?**

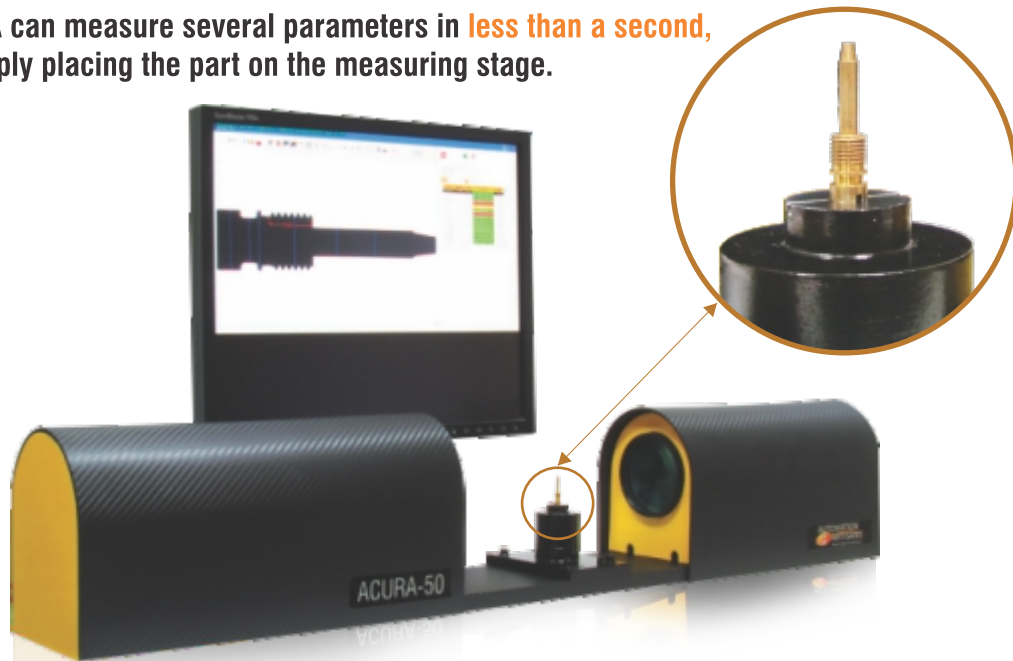
**ARE YOU FED UP OF  
MANUAL SORTING?**





Place it here &  
**ACURA CAN**

ACURA can measure several parameters in **less than a second**, by simply placing the part on the measuring stage.



- Instant Measurements (less than one second)
- Multiple Outer Dimensions can be measured - Circle, Thread, Angle, Distances, Height, Diameter
- Easy Part Loading
- Non Contact Technology
- SPC Reports
- Indigenous Software developed in-house
- Efficient & Intuitive User Interface

## ACURA is a shopfloor **AnyTime Measurement (ATM)** equipment useful during various production stages

### Setup Production Machine:

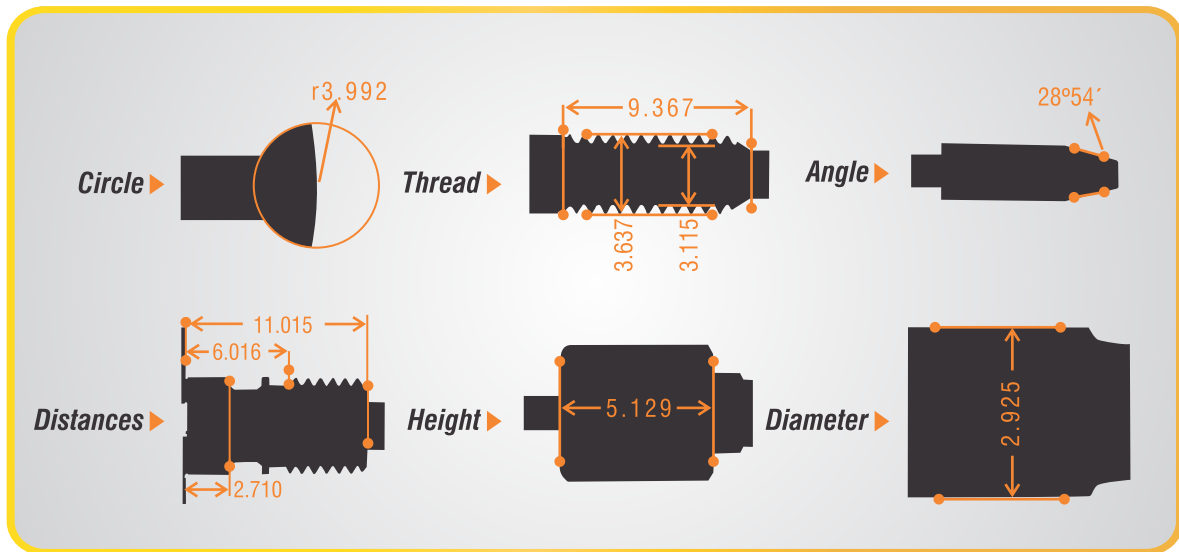
Operator can quickly inspect first piece and verify if various parameters are within tolerance.

### Production Inspection:

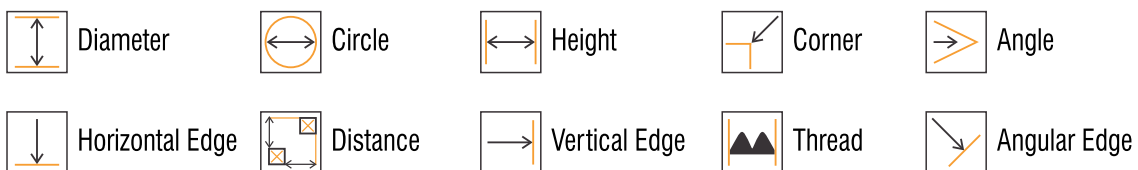
Operator can routinely inspect sample parts during production to maintain quality.

### Packaging Inspection:

Operator can quickly inspect a random sample of parts from packaging station to ensure quality.



## MEASUREMENT TOOLS



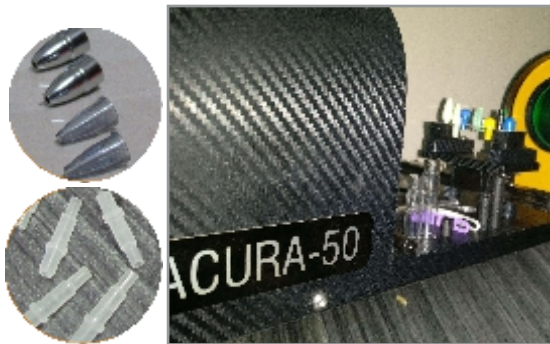
## TECHNICAL SPECIFICATIONS

Features	Acura-20	Acura-30	Acura-50	Acura-70	Acura-100
<b>Measurement Range:</b>					
a) Inspection Field of View	18mm x 13.8mm	27mm x 20mm	50mm x 40mm	70mm x 50mm	100mm x 75mm
b) Resolution	1 micron	1 micron	1 micron	1 micron	1 micron
c) Repeatability	± 1.5 micron	± 2.5 micron	± 3 micron	± 5 micron	± 7 micron
<b>Camera</b> : CCD Mono USB	<b>Power Supply</b> : 230VAC 50Hz, (1 Phase)				
<b>Illumination</b> : LED Green Illuminator	<b>Weight</b> : Approx. 30 kgs.				
<b>Display</b> : 21.5" LED Monitor	<b>Environment</b> : Temp. +10°C to +40°C				
<b>HDD</b> : Min. 1TB	<b>Humidity</b> : 30% to 80% (no condensation)				
<b>Interface</b> : USB & LAN					

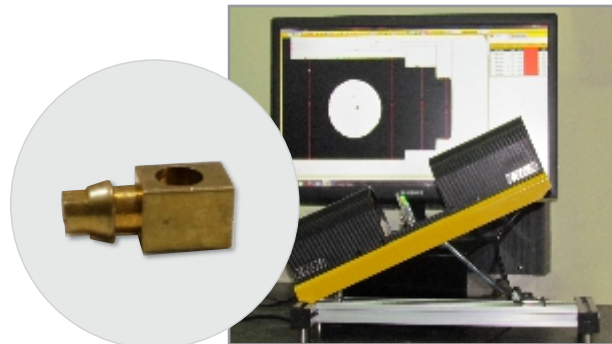
ACURA has been successfully **customized** and implemented in multiple industries, manufacturing electronics & electrical components, automotive parts, stationery and plastic parts.

## VARIANTS

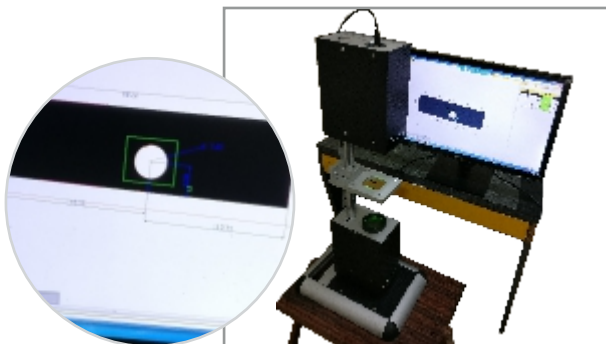
STATIONERY PARTS



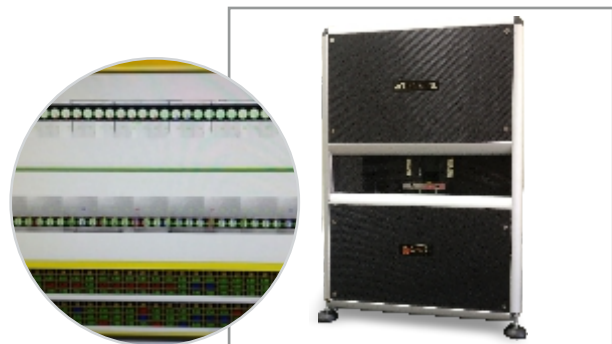
INCLINED



FLAT BLADES



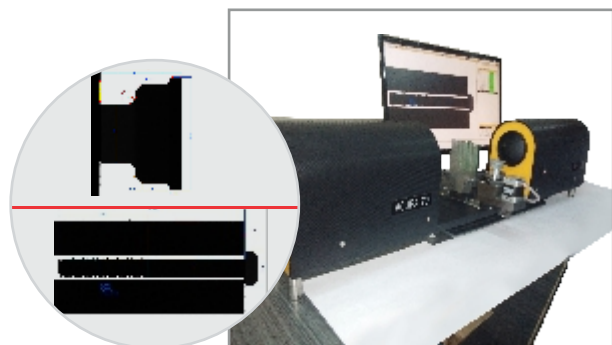
NEUTRAL LINK BARS

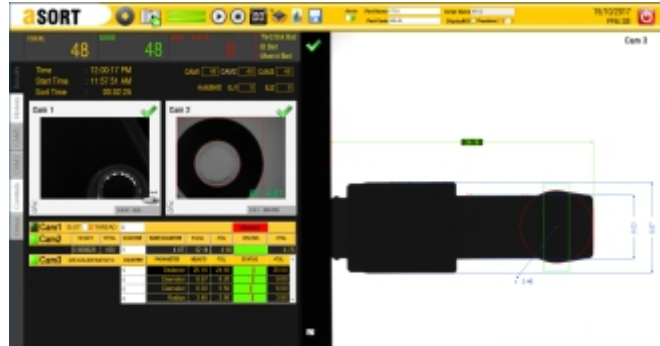


SPRINGS



SCREWS - NUTS - BOLTS





**ACUSORT** is an extension of ACURA with the convenience of continuous manual feeding and automatic segregation of acceptable and reject parts. Basic **ACUSORT** can segregate parts based on external dimensions. With extra cameras, it can be customized to detect additional defects like presence / absence of internal threads and holes. Overall, it takes productivity to the next level. It is ideally suited for facilities with multiple small batch production runs.

- Checks Multiple Parts
- Fail Safe Accept/Reject Outlet
- 100% Gauging & Sorting System
- Measures Multiple Parameters
- Quick System Setup

## Technical Specifications

Diameter : 4mm to 30mm (Accuracy $\pm 5\mu$ )	Dimension : L 950mm W 650mm H 700mm
Length : 2mm to 45mm (Accuracy $\pm 10\mu$ )	Air Pressure : 6 bar
Speed : Up to 120 parts per minute	Power Supply : 230VAC, 50Hz, 1 Phase
Cameras : Multiple CCD Mono	Weight : Approx. 80 kgs.
Illumination : Led Back Light, Front Light, Dome Light, Angular Lights	Environment : Temp: +10°C to +40°C
	Humidity : 30% to 80% (no condensation)
Material Handling: Manual Indexer or Conveyor Stage Feeding.	
Defects: Dimensions, Presence/Absence Thread, Chamfer, Hole, Grooves, Slots, etc.	

## Defects Removed





**ASORT** is a customized range of sorting systems for isolating acceptable parts from rejection. Conventionally, defective items are removed manually from any bulk production of small metal, plastic or rubber parts. Such methods generally tend to prove unreliable in global markets that demand high quality standards and zero defects. **ASORT** offers a reliable solution with its automatic feeding, inspection and segregation stages. Based on individual components to be sorted, **ASORT** may have 1 to 6 cameras for identifying different defects. Most items can be segregated at up to 300 parts per minute.

- Inspection & Sorting of External Dimensions (height, diameter), Presence/Absence of Internal Threads, ID Measurement
- AirJet to segregate Good & Bad parts
- Deliver ZERO defective pieces in Good Outlet
- Auto Feed Mechanism (vibratory bowl feeder, indexer, etc.)
- Inspection using Multiple Cameras
- Speed up to 300 parts\* per minute
- Customized feature rich Software
- Easy to understand & simple to operate

Diameter : 4mm to 30mm (Accuracy $\pm 10\mu$ )	Dimension : L 650mm W 650mm H 900mm
Length : 2mm to 45mm (Accuracy $\pm 15\mu$ )	Air Pressure : 6 Bar
Speed : Up to 300 parts per minute*	Power Supply : 230VAC, 50Hz, 1 Phase
Cameras : Multiple CCD Mono	Weight : Approx. 80 kgs
Illumination : LED Back light, Front light, Dome light, Angular lights	Environment : Temp: +10°C to +40°C
	Humidity : 30% to 80% (no condensation)
Material Handling: Vibratory Bowl Feeder, Double inclined Gravity Chute, Rotary Stage, Conveyor Stage	
Defects: Dimensions, Presence/Absence Thread, Chamfer, Hole, Grooves, Slots, etc.	

\*(Depends on type of parts)









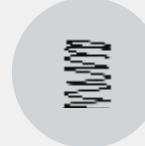


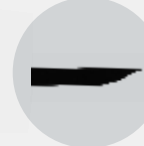


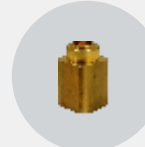

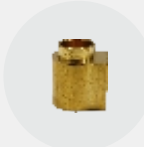
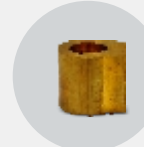


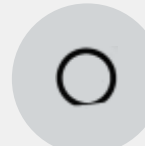



# ASORT

HIGH **SPEED** SORTING SYSTEM

GUARANTEES

*High Productivity*

## VISION POSSIBILITIES

PARTS	GOOD PARTS	BAD PARTS	PARTS	GOOD PARTS	BAD PARTS
					
					
					
					



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We are Automation Artisans.***

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to discuss your  
quality needs &  
feasibility

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