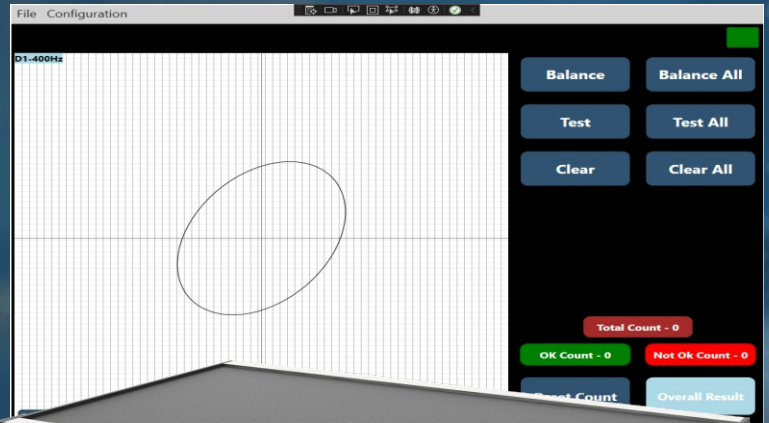
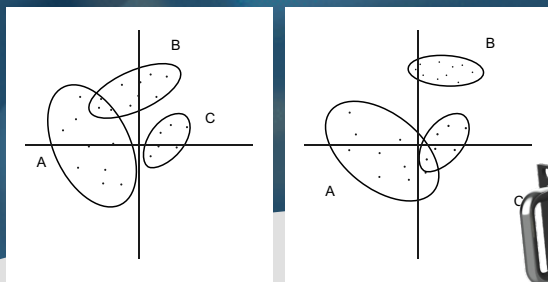




# IMS101A

Single Frequency Single Channel  
Eddy Current Sorter



IMS101A is a single channel single frequency, versatile eddy current comparator that can be used to segregate metallic components and raw materials. This system is particularly well-suited for rigorous quality assessments of essential automotive parts.

## FEATURES

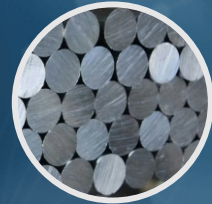
- ✓ Password protection.
- ✓ Advanced Data Logging
- ✓ Intuitive operation concept
- ✓ Testing on single frequency.
- ✓ Built in OK & NG Parts Counter.
- ✓ Automation support through PLC.
- ✓ Sorts components into two categories, OK & NG.
- ✓ Windows software for advanced operations
- ✓ Multiple Elliptical thresholds.
- ✓ Housed in a 19" rack mounted enclosure for industrial integration

# SPECIFICATIONS

Sr.No	Type	Value
1.	Frequency	Single Frequency
2.	Frequency Range	100Hz to 100KHz
3.	Gain	0 db to 55db
4.	Phase	0 to 359 deg
5.	Digital I/O	4 X Isolated Digital Outputs 4 X isolated Digital Inputs
6.	Data Security	User level password protection
7.	Automation Support	PLC Interface via Digital I/O
8.	Communication Interface	RS232
9.	Operating System	Windows IoT Enterprise
10.	Enclosure	19" Rack mounted aluminium enclosure
11.	Operating Voltage	100V – 240 V AC, 47-63 Hz
12.	Power Consumption	50W
13.	Dimensions	483mmX264mmX88mm
14.	Threshold	Multiple Elliptical

# APPLICATIONS

- ✓ Sorting raw materials by grade.



Grade



Forging

- ✓ Sorting forgings according to raw material type or heat treatment conditions.

- ✓ Sorting parts based on surface hardness.



Hardness

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