apple™
color sorter
India's Most Trusted Color Sorter Brand

APPLE

QUALITY
MULTI – GRAIN SORTING

BUILT TO PERFECTION

1. Cameras

Imported high end 5000 pixel CCD cameras combines with internationally acclaimed custom made lens can identify tiny defects upto $0.01mm^2$. Double side view camera technology helps to detect the minor variations of colors and single side defects.

2. Intelligent Processing Algorithm

High Speed electronic processing through FPGA provides highly reliable and accurate signals.

3. LED Lamp

Most unique intelligent LED with cold shadowless light source, Longer life span and high lighting effiency.

4. Chutes

Specially imported extruded aluminium chutes provide high capacity and excellent product flow.

5. Ejector

Easily serviceable imported high quality ejector with 5 to 10 billion cycle's life and low air consumption yields better sorting accuracy, reduction in carryover ratio and ensure low power consumption.

99.997%

8   2   3   4   9   7   1   6   5

6. Human Machine Interface (HMI)

Ultra high resolution 7inch color touch screen more flexible in touch and quick in operation. Many setting modes to meet the customer demand.

7. Automatic Reflector Adjustment

It helps to achieve sorting quality requirement of customer. It's 360^0 control helps to sort diverse materials. A unique feature found only in Apple to compete imported machines.

8. Reliablity

CE Certified components, Power supplies and mechanical construction designed by well trained experts ensure the machine operations made perfect.

9. Service

Guaranteed service backup available with well trained engineers placed all over india and abroad.

MR Series

MR Series delivers a reliable performance for all type rice. It is designed to sort various type of rice products like white rice, Brown rice, Parboiled rice etc. The latest CCD technology promises to increase clients profitability by acheiving the higest yeild with minimum loss of good products.

Sorting Samples

Raw rice	Single boiled rice
Double boiled rice	Basmati rice
Matta rice	Idli rice
Wild rice	Long grain brown rice
Sesame	Urad dal
Moong dal	Toor dal

Technical Specification

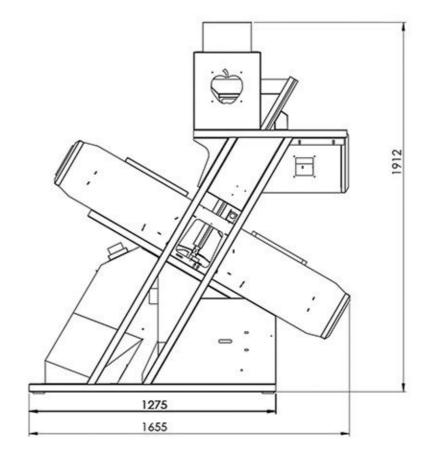| Name	Model	Cap T/H	Power KW	Voltage	Sorting Accuracy %	Rejection Ratio	Air Requirement	LxBxH
MR 1	MRX63	0.5-1.5	1.2	Ac 220v/50HZ	≥99.99	≥10:1	18 CFM	1066x1603x1748
MR 2	MRX126	0.75-2	2	Ac 220v/50HZ	≥99.99	≥10:1	36 CFM	2297x1655x1912
MR 3	MRX189	1-3	2.5	Ac 220v/50HZ	≥99.99	≥10:1	56 CFM	2297x1655x1912
MR 4	MRX252	2-4	3	Ac 220v/50HZ	≥99.99	≥10:1	72 CFM	2297x1655x1912
MR 5	MRX315	3-5	3.6	Ac 220v/50HZ	≥99.99	≥10:1	95 CFM	2297x1655x1912
MR 6	MRX378	4-6	4.2	Ac 220v/50HZ	≥99.99	≥10:1	108 CFM	2820x1655x1912
MR 7	MRX441	5-8	5	Ac 220v/50HZ	≥99.99	≥10:1	130 CFM	2820x1655x1912

• Specifications may be changed without notice due to continuous improvement in technical developments.
• Sorting accuracy, Rejection ratio and Capacity depends upon quality of input products and quality of sorting required. Capacity mentioned in the catalogue are assuming at 0.5% contamination in the input.
• The capacity of air required depends on the contamination percentage and quality of sorting required.

DIMENSIONS

The above dimensions are in mm for the model of MR Series.
For other model dimensions, Please contact the manufacturer.

AUTHORIZED SERVICE CENTRE AVAILABLE ALL OVER INDIA AND ABROAD

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Stand-Out Results

BUILT TO PERFECTION

Authorized Dealer