



TEA COLOR SORTER

"Mark Sorter: Enhancing Tea Sorting with Quality"



- ✓ **Quality**
- ✓ **Reliability**
- ✓ **Accuracy**



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TEA COLOR SORTER



“MARK Precision Sorting for Perfect Tea Quality”

The Mark Tea Color Sorter machine is a state-of-the-art solution designed to enhance tea quality by efficiently removing color defects and impurities. Equipped with advanced optical sensors and AI-driven technology, it precisely sorts tea leaves based on color, ensuring superior quality in every batch.



RGB Tri-chromatic Color Camera

MACHINE FEATURES:

- ◆ HIGH SPEED HD CAMERA
- ◆ INTELLIGENT IMAGE PROCESSING
- ◆ AI - SORTING TECHNOLOGY
- ◆ HD LENSE - FOR ACCURATE SORTING
- ◆ CONVEYOR BELT - EFFICIENTLY CARRY THE MATERIAL THROUGH OUTPUT
- ◆ 5400 X 3 PIXEL TRI CHROMATIC RGB SCANNER
- ◆ MULTI - FUNCTION, MULTI - PURPOSE
- ◆ USER FRIENDLY INTERFACE
- ◆ EXCELLENT SORTING ACCURACY
- ◆ METAL DETECTOR - FOR ACCURATELY IDENTIFIES METAL OBJECTS FROM THE INPUT MATERIAL.

PERFORMANCE TABLE:

S.N	Chute Option Available	2 CHUTE (2 STAGE)
1	Output (TPH) for Tea	70 to 250 kg per primary chute
2	No. of Camera: (Stage-1+ Stage-2)	4+4
3	Air Requirement @7.5/cm2	60 CFM
4	Compressor Requirement	15 HP Screw
5	Dimension (LxWxH) Feet (with Elevator)	11 x 8.25 x 15
6	Cabin Dimension (LxWxH) Feet (without Elevator)	11 x 8.25 x 11.5

Tea Sorting Machine Usages For :



Tea Leaves / Tea Dust



Green Tea



Henna Leaves



Herbal Leaves

Note 1: Output load and rejection will be vary depend upon the input materials contamination and dust
2: *2% Contamination

INPUT



ACCEPTANCE

