



# 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+ Satge-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

