

RAPIDSCAN

COTTON CONTAMINATION CLEANING MACHINE for COLOR & WHITE POLYPROPYLENE MATERIALS

Exceptional Combination of
VISION and **UV** Technologies



The most effective way of removing colour as well as White / Transparent / PP / Synthetic materials from cotton in Blow Room of Spinning Mills



X4CM

YOUR ACTIVE PARTNER FOR BLOW ROOM

SALIENT FEATURES OF CCCM - RAPPID SCAN

- ◆ Color – RGB Line Scan CCD Camera for efficient color contamination removal.
- ◆ RGB Image processing assists in identifying the light color impurities better.
- ◆ UV - Line Scan CCD Camera for removing the UV reflective & non reflective White Polypropylene, White Wool and White Paper from the white cotton.
- ◆ System lit with UV Tubes creating environment of UV Online Inspection makes it feasible of detecting UV reflective & non reflective objects from the white cotton.
- ◆ Direct Cotton Sensing Technology senses the speed of the cotton from the cotton itself.
- ◆ Lux Monitoring System to monitor the lux variations in the machine and alarm option given to trigger in case of low Lux.
- ◆ Most ergonomically designed Model to reduce neps , and reduce suction loss, bends.
- ◆ Design based on High Response Valve realizes low good cotton in the rejection.
- ◆ Three level lamp post – Green, Amber & Red to indicate the seriousness of the fault.
- ◆ Enhanced detailed reporting facility provided to analyze Ejection contribution separately by Vision - Side A, Vision - Side B , UV - Side A, UV – Side B.
- ◆ Ejection trend monitoring reports for Individual Valve, Hour wise, Day wise, Week & Month wise.
- ◆ Graph Data View option provided to view the exact data which is plotted.
- ◆ Log report provided to record the crucial actions in the machine with time stamp.
- ◆ Auto / Manual Valve Test Facility provided to check the valve functionality at specified ON Time & Air Pressure.
- ◆ All the camera working status is continuously monitored and Alarm generated if the camera do not perform.
- ◆ All the camera signals can be viewed in the touch screen itself.
- ◆ 7.0 “ Color Touch Screen Machine Interface for a better user operations.
- ◆ UV Module settings & Ejection monitoring can be done from the Touch Screen itself.
- ◆ Capacity up to 1000 KG / Hr



TECHNICAL SPECIFICATIONS OF CCCM - RAPPID SCAN

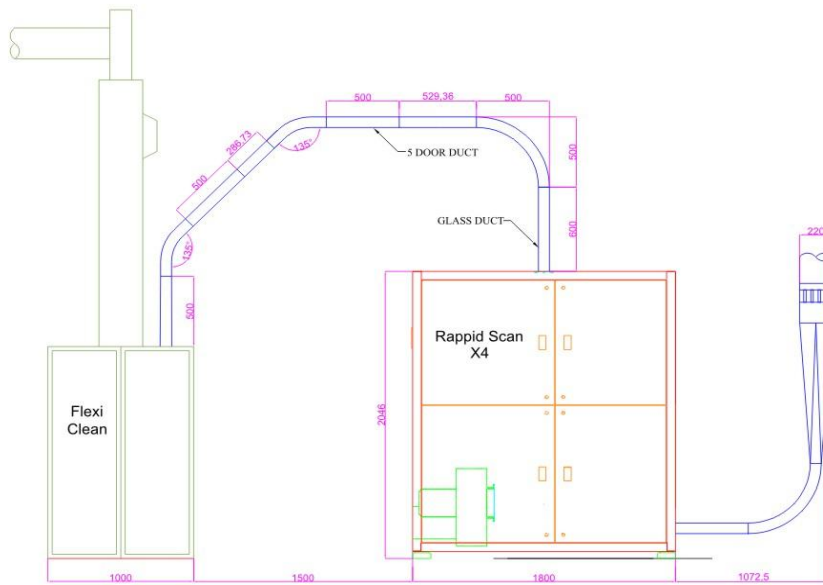
S.No.	Parameter	Specification
1	Operating Voltage	415V AC + 10%, -15%
2	Max. Power	2.5 KVA
3	Duct Size	900 X 75 mm
4	Production Capacity	1000 kg / Hr.
5	Machine Size L X B X H	1800 X 1475 X 2045
6	Cotton Input	Top Side
7	Touch	7 Inch Colour Touch Screen

RAPID SCAN



Rappid Scan X4 Installation Layout

All dimensions are in mm



Material Duct size 900 x 75



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