



**VETAL**

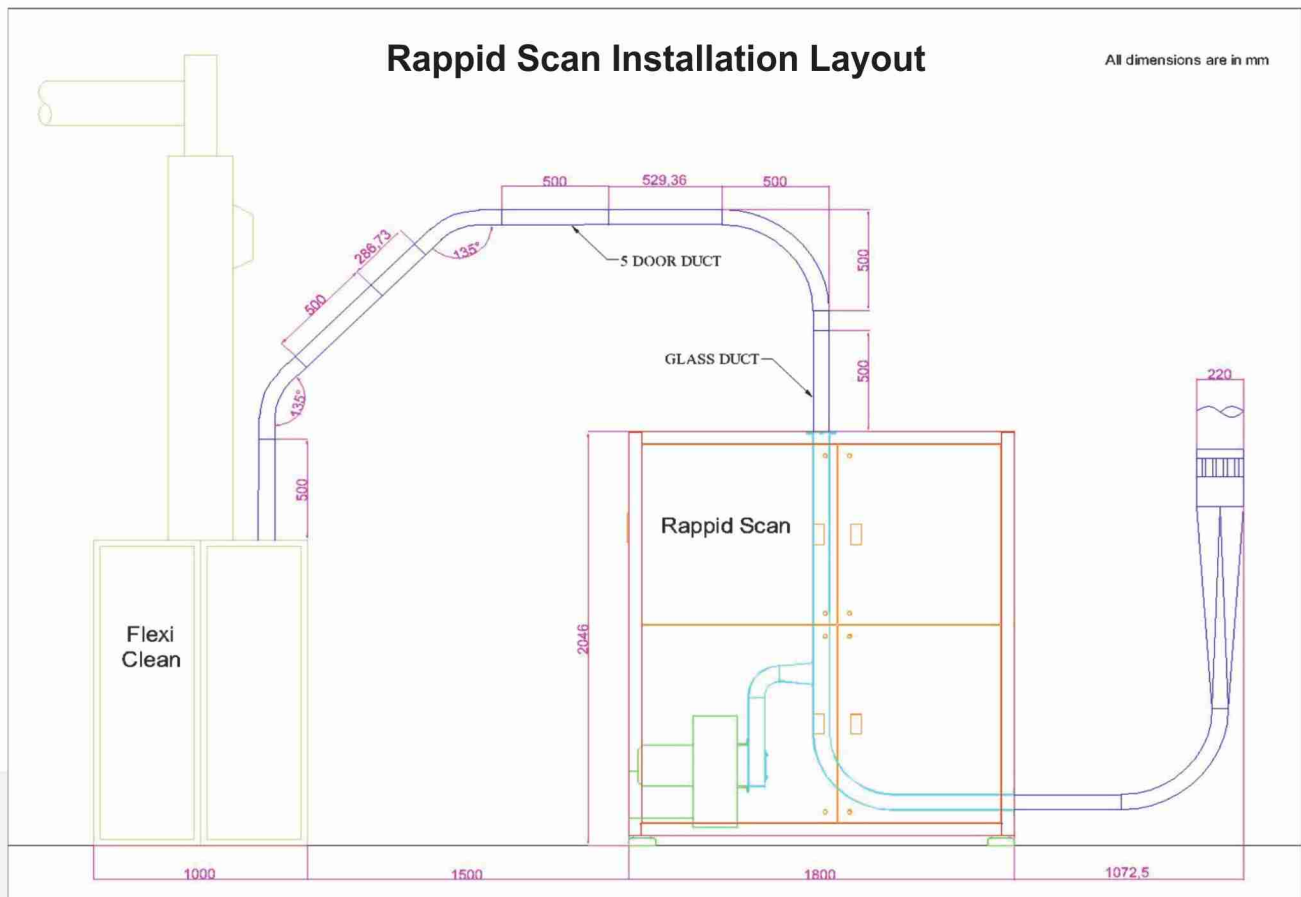
THE TECH - Knowledge COMPANY

# RAPID SCAN



## COTTON CONTAMINATION CLEANING MACHINE

The most effective way of removing Colour as well as white and all types of pp impurities from cotton in blowroom of spinning mills





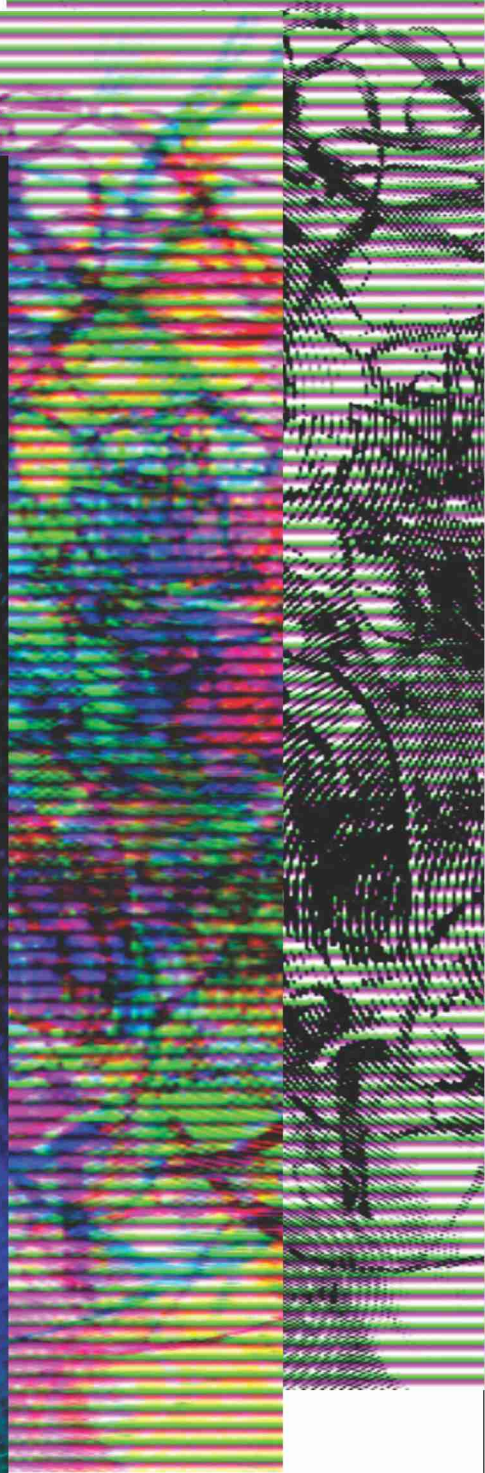
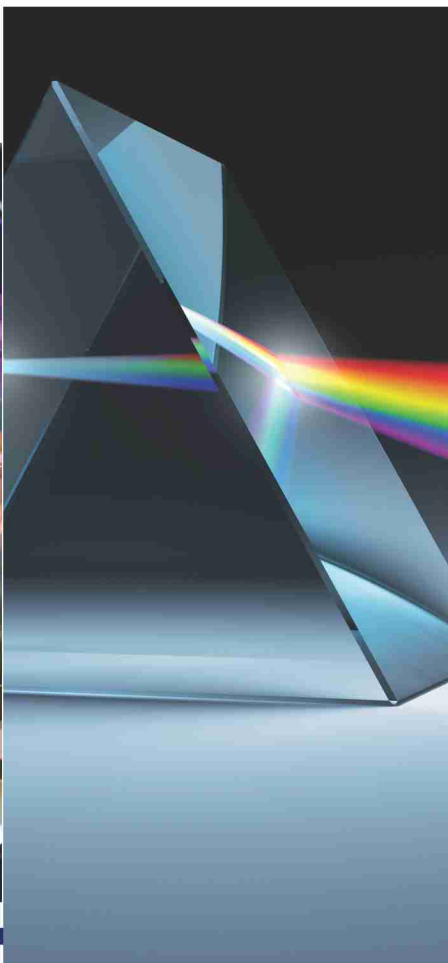
## SALIENT FEATURES

- 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 & Dull (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 & Dull (non reflective) objects from the white cotton.
- 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, reduce suction loss and 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 and 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

PARAMETER	SPECIFICATION
OPERATING VOLTAGE	415 V AC +10% -15%
MAX. POWER	2.5 KVA
DUCT SIZE	900 X 75 mm
PRODUCTION CAPACITY	1000 Kgs/Hr
MACHINE SIZE L X B X H	1800x1475x2045 mm
COTTON INPUT	TOP SIDE







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Vetal - Cotton Contamination Cleaning Machine - Rappid Scan



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