



*Series*

Z, Z2U, Z+  
T, T2U, T+  
Y, Y2U, Y+



**Advanced Cotton  
Contamintaion Clearer** ●

# SPINNING & GINNING



## Technical Specification

MODEL	Z	Z2U	Z+
Sort out Material	Color Contamination Non glowing PP	Glowing PP Non glowing PP	Color Contamination Glowing PP Non glowing PP
Application	At cotton Blow room lines		
Product Location	Ideally after fine beater		
Production rate	800-1000 kgs per hour		
Dimension (LxWxH in mm)	1500 x 1450 x 3365		
Power (KVA)	2		
Space Requirement	3 Square Meter		
Voltage & frequency	230Vac(+/-1%)stabilized output & 50Hz		
Working pressure	5-6 Bar		
Air consumption	10CFM (depends on level of contaminations ejections)		

## Technical Specification

MODEL	T	T2U	T+
Sort out Material	Color Contamination Non glowing PP	Glowing PP Non glowing PP	Color Contamination Glowing PP Non glowing PP
Application	At cotton Blow room lines & Ginning		
Product Location	Ideally after fine beater		
Production rate	900-1000 kgs per hour		
Dimension (LxWxH in mm)	1474 x 1450 x 2322		
Power (KVA)	2		
Space Requirement	3 Square Meter		
Voltage & frequency	230Vac(+/-1%)stabilized output & 50Hz		
Working pressure	5-6 Bar		
Air consumption	10CFM (depends on level of contaminations ejections)		

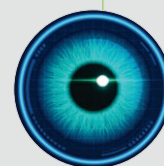


## Technical Specification

MODEL	Y	Y2U	Y+
Sort out Material	Color Contamination Non glowing PP	Glowing PP Non glowing PP	Color Contamination Glowing PP Non glowing PP
Application	At cotton Blow room lines & Ginning		
Product Location	Ideally after fine beater		
Production rate	1300-1500 kgs per hour		
Dimension (LxWxH in mm)	1954 x 1450 x 2322		
Power (KVA)	3		
Space Requirement	3 Square Meter		
Voltage & frequency	230Vac(+/-1%)stabilized output & 50Hz		
Working pressure	5-6 Bar		
Air consumption	15CFM (depends on level of contaminations ejections)		

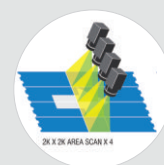


## FEATURES



### Spectral Vision Technology

Full color Spectral camera with high precision allows HD identification



### Accurate Meticulous Scanning

Adopting Real color 16200 pixels linear CCD camera with 10 KHz scanning reach to distinguish 0.05mm object



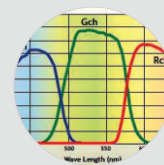
### Industrial Prime Lens

Optimized Optical path design ensures the perfect image for various materials and different color requirements



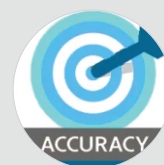
### Integrated Coating Methodology

Super integrated coating provides exact difference between the materials



### Spectrum Analysis Algorithm

Equipped special detection algorithm to ensure accurate assorting performance



### Guarantee Sorting Accuracy

Branded FPGA with digital signal processing to guarantee sorting accuracy

### Reputed Original Electromagnetic Valve

Branded high frequency electromagnetic valve allows for accurate controls of air flow and direction

### Grand effect Touch Panel

Indicates graphically necessary information, Visual evaluate effect for numerical settings adjustment

### Anti-Interference Communication System

Adopts intelligent closed loop control ensures the reliability of data communication and strong Anti-Interference ability

### Hyper Link System

You can remotely operate the machine from outside

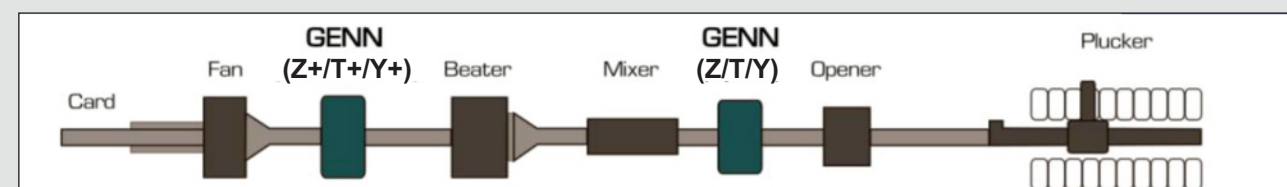
### Rational LED Light Source

No blind angle increases the detection accuracy. High brightness and low temperature rise longer service life.

### UV Light Source

High spectral purity of UV light source system, the serious characteristics of this system are stable performance.

## INSTALLATION





METAL i detectors equip a electromagnetic field that is capable of detecting very small Metal material inside the ducts.

- Simulation** : Detectors performance should be ensured in continuous cycle. Everybody doing with torch light. It is tedious for maintenance. Here we provide simulation option for checking detector condition just in front of the panel.
- Self Test** : Simulation option
- Alarm** : Special for Air low and Fire
- Visible Alarm** : For Fire
- After Fire** : Alarm, diverter ON, Damper ON, Suction Motor ON, Blow room trip
- Each Zone** : up to 400 Dia —4 Sensors, greater than 400 Dia - 5 Sensors
- Panel Type** :  
 i) Up to 3Zone  
 ii) Up to 6 Zone  
 iii) Up to 12 Zone



Color PP Strings

Threads

Dead and immature fibres

White PP

Jute

Color pieces of Fabrics

Light thin color PP Strings

Plastic Film

Feathers

Glowing PP

