

VIREX

X-Ray Detection Systems



PRECISION SORTING



High-Tech



Solid Structure



User Friendly



Fast Service



BENEFITS

- Single side object scannings by the X-Ray
- Non-damaging scanning by the beam that pass through the product
- Object detection for a structure which is more intensive than the accepted product
- Glass, stone, sus, ceramic and metal detection
- Detection of intensive structure of foreign material hidden in the inner zone of products
- High sensitivity for small objects
- Large scanning area for high capacity
- Suitable for sticky and non-slip products from vertical ramps
- Can be used for wet or dry products
- Fully stainless steel structure
- Long belt for proper fixing of products to be sorted
- Short feeder for products that do not require spreading, thus occupying less
- Space in the plant or long vibration feeder for good distribution of the products together with an integrated dust sieving system
- Monophase Electricity
- Ip 65

TECHNOLOGY

- Single side x-ray scanning unit (top)
- Up to 3000 scans per second
- X-ray Signals Algorithm Software
- 90 or 180 Air Valves
- Network Connection
- Touch Screen User Interface

FUNCTIONAL DIMENSIONS

- 900 mm scanning area

TOTAL MACHINE DIMENSIONS

- W x L x H - 1602 mm x 2750 mm x 2107 mm
- **Short Feeder version:** W x L x H - 1602 mm x 3532 mm x 2107 mm
- **Long Feeder version:** W x L x H - 1602 mm x 4890 mm x 2107 mm

CAPACITY

- Capacity varies depending on the density of the product kg / m³
- The product with density of 1000 kilograms per cubic meter can be nominally sorted at six tons per hour

REQUIREMENTS

- Electricity 240 Vac / max 10 A
- Pressured Air min 6 bar / max 10 bar
- Air Quality 40 µm filtered oil free, water free, dust free
- Air Consumption Typical 144 m³/h
- Air Connection 1 inch

X-Ray Detection Systems

VIREX

