



### Application

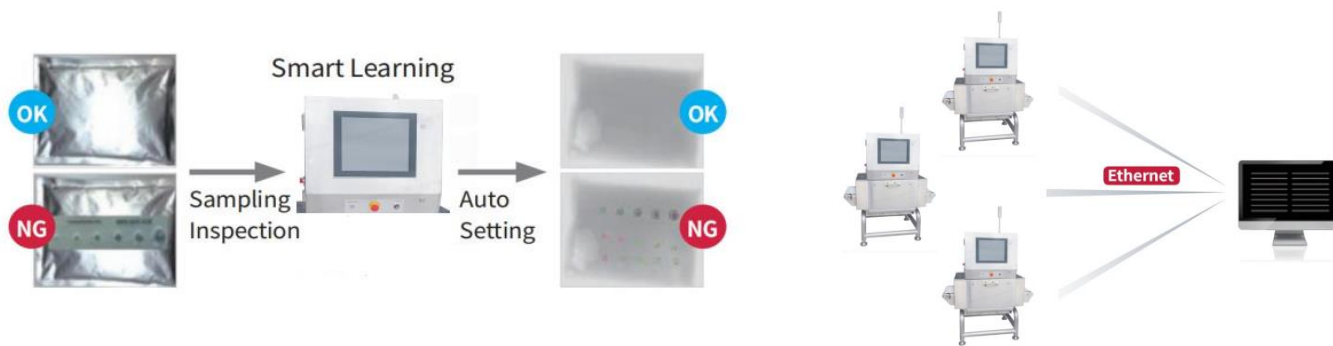
AI-powered X-ray inspection system for detecting metal, hard plastic, ceramic, glass, bones, and other foreign contaminants in large cartons up to 900 × 601 × 160 mm or 900 × 397 × 340 mm.

Ideal for food, garments, footwear, textiles, and agricultural products. Especially suitable for aluminum-packaged products, sports shoes, handbags, and garments with zippers, where conventional metal detectors are ineffective.

### General specifications

| PHYSICAL SPECIFICATIONS      |                                                    |
|------------------------------|----------------------------------------------------|
| Tunnel width                 | 600mm                                              |
| Tunnel Height                | 500mm                                              |
| Machine Size                 | LxWxH:<br>2740x1490x2000mm                         |
| Machine Weight               | 500kg                                              |
| Material                     | SUS304                                             |
| Material                     | Food grade PU                                      |
| Belt width                   | 600mm                                              |
| Height to ground             | 850±50mm                                           |
| Speed                        | 10~40m/min                                         |
| Weighing Range               | 50kg                                               |
| Voltage                      | 120kv                                              |
| X -ray current               | 200-5000μA                                         |
| X -ray power                 | 500W                                               |
| Detector                     | 0.2mm                                              |
| Fe/SUS etc. metal ball (Φ)   | 0.2mm                                              |
| Fe/SUS etc. metal ball strip | 0.1x2mm                                            |
| Glass ball (Φ)               | 0.4 mm                                             |
| Ceramic ball (Φ)             | 0.4 mm                                             |
| Fish bone (Φ)                | 0.2 mm                                             |
| Algorithm support            | Foreign body detection                             |
| Protection level             | Transmission part : IP66<br>Other areas : IP54     |
| Tested product form          | Packaging, bulk materials                          |
| Rejection                    | Stop and alarm                                     |
| Alarm                        | Ring and light                                     |
| Display                      | 21.5 touch screen                                  |
| Cooling method               | Industrial air conditioner                         |
| Protection method            | 4 layers of protective curtains                    |
| Radiation safety             | ≤1μSv/h                                            |
| Voltage                      | AC110V/220V-240V,50/60HZ 1phase<br>AC400V, 3 phase |
| Temperature                  | -10~40°C                                           |
| Working humidity             | 30~90%RH                                           |
| Included interfaces          | Ethernet, USB; support MES docking                 |





### Dimensions

