



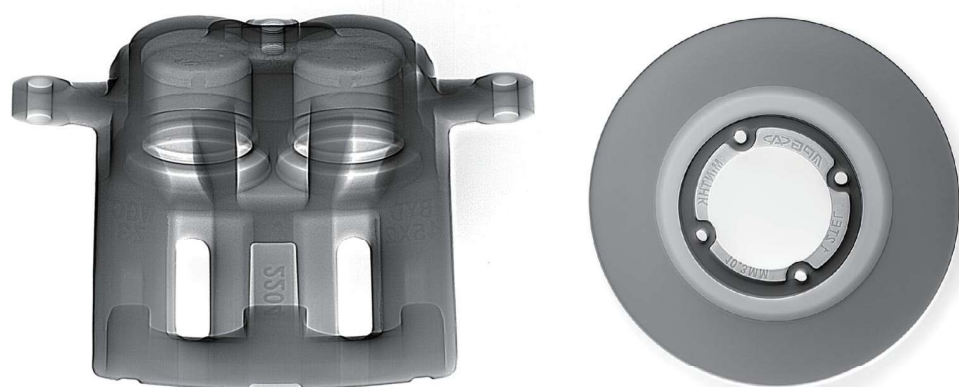
## UNC320

UNC-A Series NDT X-Ray Equipment (DR)

### APPLICATION

Mainly used in metal castings, hardware products, plastic products, refractory materials, resin materials, composite materials, ceramic body and welding metal parts and other small products for non-destructive testing.

### X-RAY IMAGE



High resolution detection images can directly display the internal defects such as bubbles, cracks, impurities and porosity in the castings.

## UNICOMP TECHNOLOGY

### Technical Parameters and Specifications

#### System Parameters

|                         |                             |
|-------------------------|-----------------------------|
| Footprint               | 2600mm*2784mm*2440mm(L*W*H) |
| Machine weight          | 7500KG                      |
| Power Consumption       | 9kW                         |
| Maximum Inspection Area | Φ600*800mm                  |
| Maximum Loading Weight  | 100KG                       |
| Power supply            | 380AC/50Hz                  |
| Radiation dose          | < 2.5μSv/h                  |

#### X-Ray Tube

|                    |             |
|--------------------|-------------|
| Voltage            | 225kV       |
| X-Ray Tube Type    | Split Tube  |
| Minimum Focal Spot | 0.4mm/1.0mm |

#### Imaging Detector

|                         |                   |
|-------------------------|-------------------|
| Detector                | Amorphous Silicon |
| Pixel Matrix            | 2560×2048         |
| Pixel Size              | 120μm             |
| Effective Detector Area | 307.2*244.3[mm]   |

### Functional Characteristics

- Widespread Applications: Large inspection size and loading weight capacity;
- Safety Standard: High level protection with international standard, multiple safety set up;
- Image Processing: Fastly image acquisition with high quality,user-friendly design;
- Highly Testing Efficiency: CNC programable inspection mode can achieve fast speed.

### MACHINE FOOTPRINT

