



# The BK DR-Model Y

Product introduction



Bikang Tiancheng (Shanghai) Information Technology Co., Ltd. is principally engaged in the area of pet imaging equipment. Through an in-depth amalgamation of artificial intelligence, big data and cloud computing technologies, it has crafted a highly competitive product portfolio with outstanding cost-performance ratios.

The company firmly adheres to a customer-centric philosophy and is earnestly committed to furnishing premium medical imaging services. It has successively rolled out a diverse range of professional digital imaging products tailored for animals, encompassing animal DR (Digital Radiography), dynamic DR, animal CT (Computed Tomography), mobile C-arm, mobile U-arm, as well as portable DR.



The company perpetually strives to supply customers with first-rate products for clinical treatments and elaborate system solutions, thereby powerfully driving the evolution and progress of digital medical imaging technology within the veterinary realm. It represents an innovative enterprise that takes artificial intelligence and cloud computing as its core competencies and is actively involved in the research, production, marketing and servicing of medical imaging equipment.



## Winning countless awards



Unit with AAA-level emphasis on service and creditworthiness.

Unit with AAA-level emphasis on contract and creditworthiness.

AAA-level trustworthy supplier.

AAA-level demonstration unit for honest operation.

Honest entrepreneur.

Honest manager.

AAA-level creditworthy unit.

The 2023 Annual Innovation Enterprise Award.

The 2023 Economic Leading Enterprise.

The 2023 Annual Benchmark Brand in the Pet Medical Industry.

The 2023 New Economic Leading Enterprise Award.

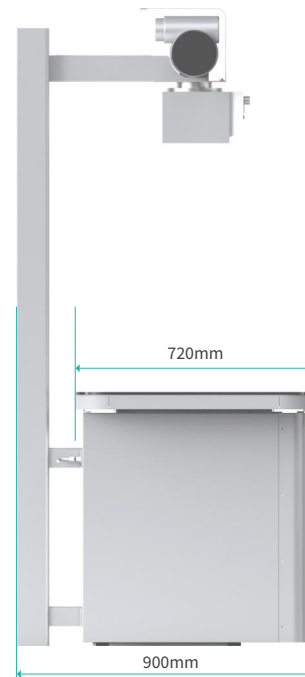
The Best Model Enterprise Award for Practicing Social Responsibility.

The Top 100 Economic Innovation Enterprises in 2024.

The Top Ten Leading Enterprises in the New Economic Era of 2024.

## 01 Ergonomic design

The BK Digital Radiography (DR) system is designed with a **four-way floating mechanism**. The height of the tabletop is 77 centimeters, which is the most comfortable height when people are standing, thus relieving doctors' fatigue to the greatest extent. Moreover, the tabletop has been upgraded to measure 1400 millimeters in length and 720 millimeters in width, enabling seamless imaging of large pets without any concerns.



## 02 High quality X-ray tube

The BK DR is assembled with a complete set of high-quality imported components. It is equipped with a Toshiba tube, which is robust and long-lasting. The output quality is stable, featuring a dual-focus design with specifications of 1.0mm and 2.0mm, guaranteeing clear and sharp imaging.



140KHU Large heat capacity, **powerful continuous shooting function**

## 03 High-Definition DR Flat Panel Detector

BK DR is equipped with **IRay flat panels**, renowned for their leading comprehensive strength in China. These panels, made of cesium iodide amorphous silicon, are of large dynamic size.

The detector has a pixel size of  $139\mu\text{m}$  and 16-bit A/D conversion.

It can achieve the clearest images at the lowest radiation dose, ensuring accurate imaging without any loss of detail, thus safeguarding pet health.

The  $17 \times 17$  cesium iodide amorphous silicon flat panel offers enhanced detail richness.



## 04 32KW High-frequency high-voltage generator

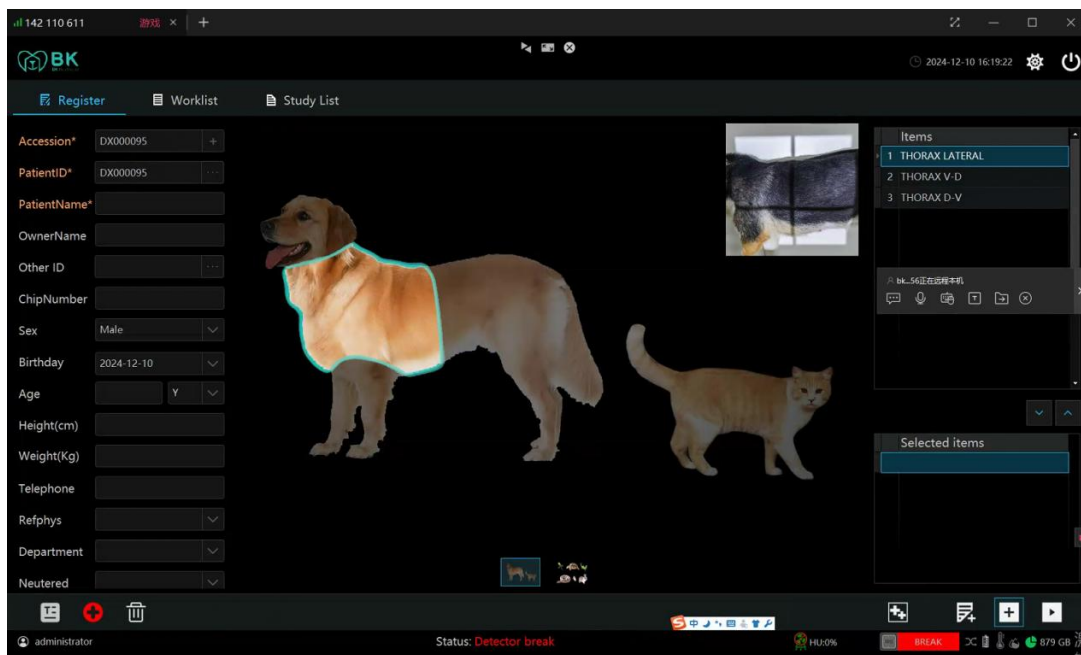
It only requires 220V power supply and no circuit modification, and has a self-detection function, stable performance and a long service life.

The maximum tube voltage is 125 KV, and the maximum tube current is 400 mA, which can meet the shooting needs of animals of different body sizes.



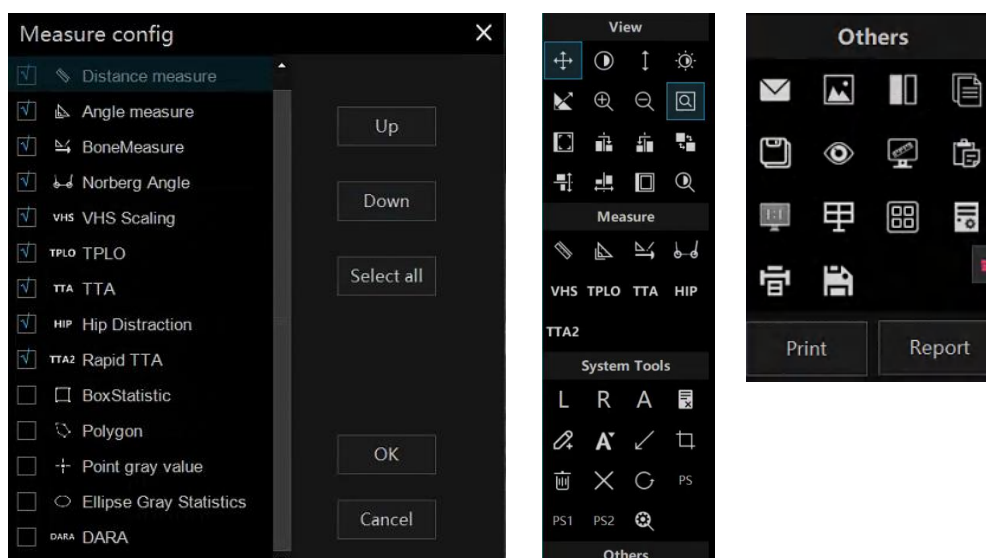
## 05 Special software for animal medical image acquisition

It is intelligent software specially developed for animal medical imaging, with faster operation, advanced interface, detailed classification, and more scientific shooting conditions, and is easy to operate.

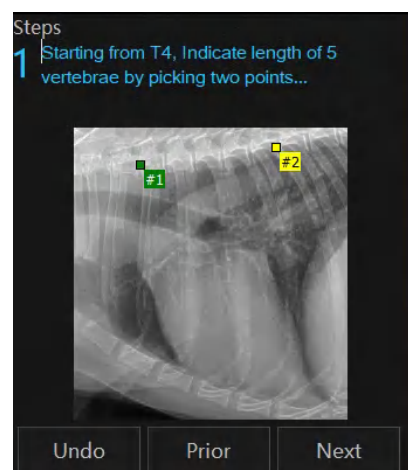
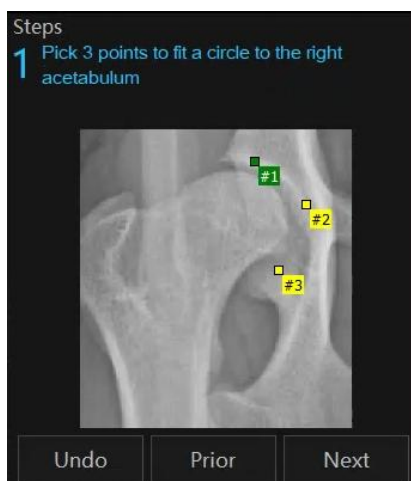


### Intelligent shooting is easy to use with low - radiation and high - quality imaging

Low - radiation intelligent condition division and optimization condition setting, achieving low - radiation high - imaging, solving the complexity of shooting condition selection, simple and fast selection, and simpler operation for a healthier environment.



# Advanced Preoperative Assessment & Quantification Intelligent Operation Guide Map

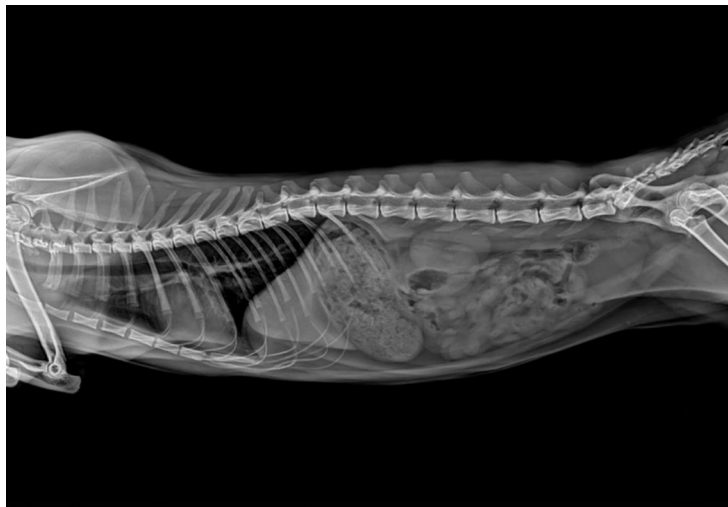


## Some advanced preoperative planning tables

| HID                   | NHA                        | VHS                   | TPLO                              | TTA                           | TPA                  | TTA2      | DARA                        | CBLO                                         |
|-----------------------|----------------------------|-----------------------|-----------------------------------|-------------------------------|----------------------|-----------|-----------------------------|----------------------------------------------|
| Hip Distraction Index | Hip joint horizontal angle | Vertebral Heart Scale | Tibial Plateau Leveling Osteotomy | Tibial Tuberosity Advancement | Tibial Plateau Angle | Rapid TTA | dorsal acetabulum rim angle | Tibial Plateau Rotational Leveling Osteotomy |

## Comfortable high-definition eye-protection images

Easy diagnosis, lesions are clear at a glance. Comfortable high-definition eye-protection images can restore lung texture, soft tissue and bone real imaging details and levels of density.



## Three - style processing

### Standard / soft / sharp

Three - style processing to meet different diagnostic requirements. Image curve customization can adjust styles according to your habits.



Standard



Soft



Sharp