

AI DR-ONE

A New Era of Intelligent Imaging



BK Healthcare (Shanghai) Technology Co., Ltd. is an innovative enterprise specializing in the R&D, manufacturing, sales and service of medical imaging equipment, with core technologies in artificial intelligence and cloud computing. We have a professional R&D, management, sales and service team with expertise in both human and veterinary medical imaging. Adhering to a customer-centric philosophy, we are committed to delivering high-quality medical imaging solutions. We have launched a full range of dedicated veterinary digital imaging products, including veterinary DR, CT, dynamic DR, mobile C-arm and mobile DR systems.



We are dedicated to providing premium products with clinical treatment and systematic solutions, driving the advancement of digital medical imaging technology in the veterinary industry.

Our self-developed acquisition system features a streamlined workflow and one-stop operation experience. Powered by intelligent low-dose analysis and processing technology, it automatically adjusts exposure parameters according to animal species and examination sites. To meet diverse diagnostic preferences, the system integrates 4 imaging styles and supports customized image curves, fully satisfying the clinical imaging needs of veterinarians.

Moving forward, we will launch more digital and intelligent products to empower veterinarians worldwide.



Industry Leader in China

Ranked No.1 in national veterinary DR sales for two consecutive years.

*Source: Data from third-party industry research institute

Rank	Brand	Installed Units	Market Share
1	BK Healthcare	1322	49.90%
2	D*C	304	11.50%
3	Y*	265	10.00%
4	B*T	157	5.90%
5	W*	153	5.80%
6	D*	151	5.70%
7	J*	78	2.90%
8	F\	44	1.70%
9	M*	36	1.40%
10	R*	31	1.20%

Widely Recognized & Award-Winning

ISO 9001 Certified
 ISO 13485 Certified
 National High-Tech Enterprise
 Top 100 Brands by Influence, 2025
 Consumer Satisfaction Brand Award, 2025
 Innovative Enterprise Award, 2025
 3·15 Integrity Enterprise, 2025
 Customer Satisfaction Advanced Unit, 2025
 Five-Star After-Sales Service Provider, 2025
 Top 100 Outstanding Enterprises in China, 2025
 Top 10 Brands in China's Pet Medical Device Industry, 2025
 West & East Veterinary Conference Annual Dark Horse Brand, 2025
 West & East Veterinary Conference Outstanding Organization Award, 2025
 Top 10 Innovative Pet Medical Device Enterprises, 2025
 Consumer Satisfaction Brand, 2025
 AI Application Model Enterprise in Pet Medical Devices, 2025
 3·15 Integrity Brand, 2026
 ...



40%+

Over 40% DR Market Share



1000+

Annual Installations



46

Installed in 46 Overseas Countries

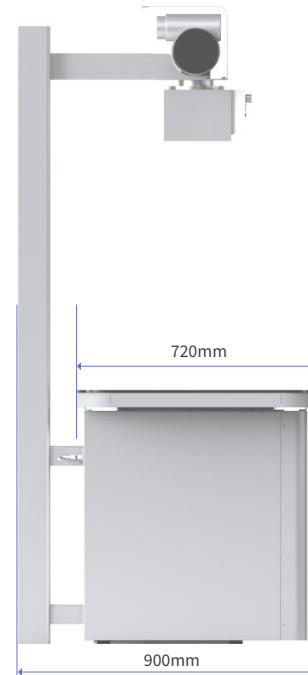
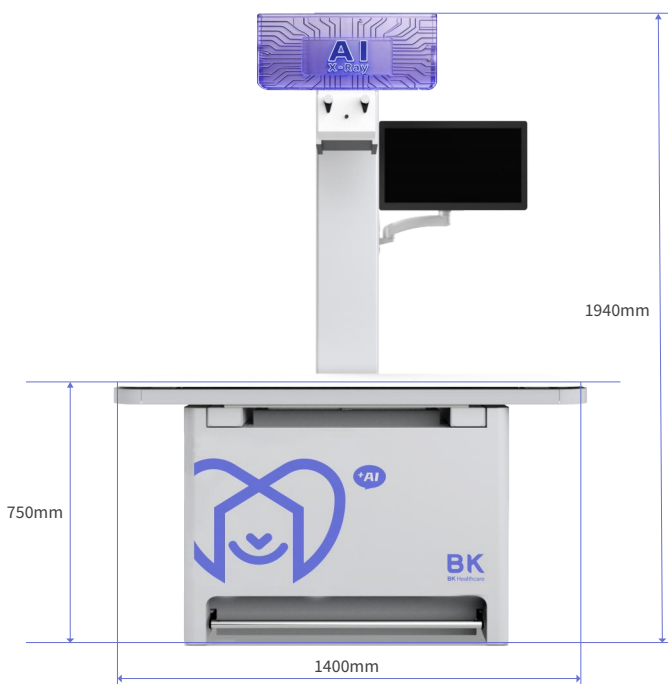
A New Era of Intelligent Imaging

Intelligent Body Thickness Detection: Automatically measures body thickness and matches optimal parameters, eliminating manual errors and reducing retake rates

Intelligent Positioning Monitoring: AI vision technology accurately detects positioning errors, enabling consistent high-quality imaging for operators of all skill levels

Intelligent Image Quality Control: Intelligently identifies imaging defects and provides improvement suggestions, with real-time evaluation to support accurate diagnosis

Intelligent Imaging Diagnosis: Completes diagnosis and generates a professional imaging report within 1 minute



Premium X-ray Tube

Equipped with imported Canon dual-focus X-ray tube, vacuum-sealed with radiation leakage protection design. Delivers high stability for over 100,000 exposures, ensuring safety and reliability.



High-Definition Flat Panel Detector

Features a self-developed large-format flat panel with 16-bit A/D conversion imaging processor. Delivers high sensitivity at low dose, gigabit network transmission, and fast distortion-free imaging in as fast as 1 second. Measured spatial resolution averages above 3.7 Lp/mm.



32kW High-Frequency High-Voltage Generator

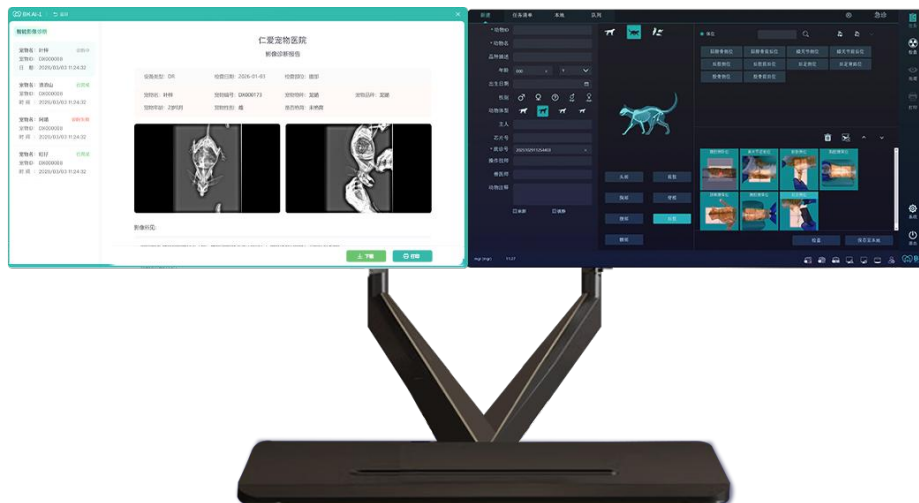
Veterinary-dedicated 32kW flame-retardant static high-frequency generator with a maximum tube voltage of 125kV, capable of imaging large animals with ease. Key components use flame-retardant materials to further enhance operational safety while ensuring stable power output.



Three-Screen Intelligent Linkage System

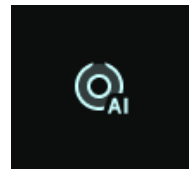
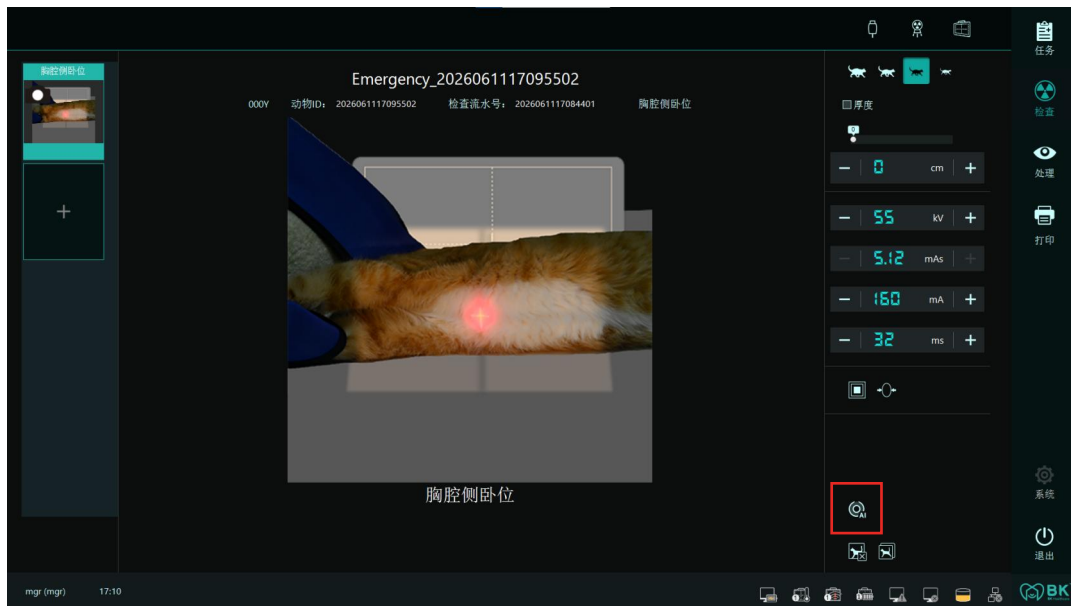


The system is equipped with a 21.5-inch bedside touchscreen, enabling convenient single-user operation and greatly improving clinical workflow efficiency.



Paired with a 24-inch multi-angle movable dual-screen workstation, realizing an efficient dual-work-flow mode: real-time imaging on one screen and AI diagnosis on the other, for smoother operation and significantly improved productivity.

Intelligent Positioning Monitoring

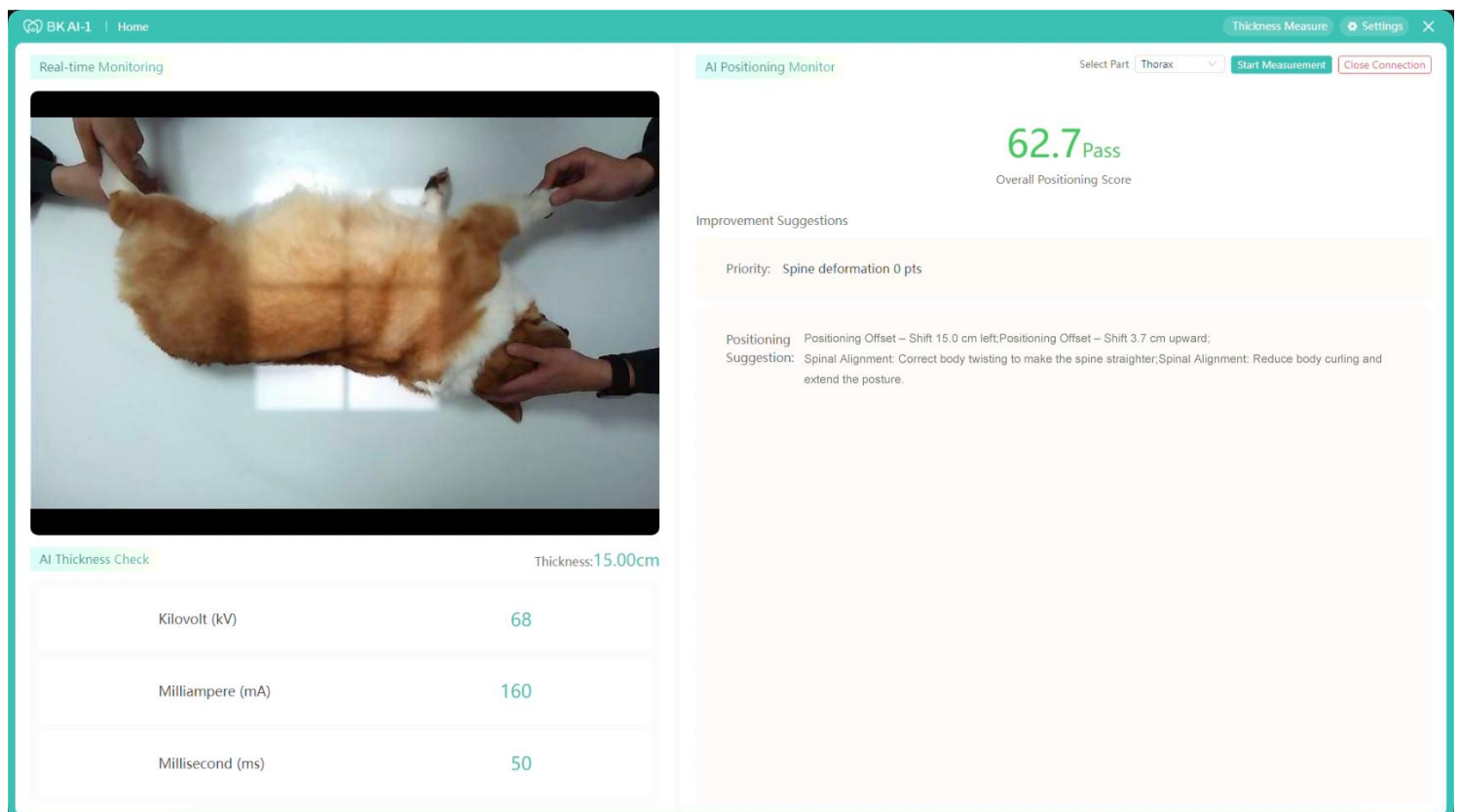


Real-time monitoring: captures positioning details in real time and provides instant intelligent feedback for correction

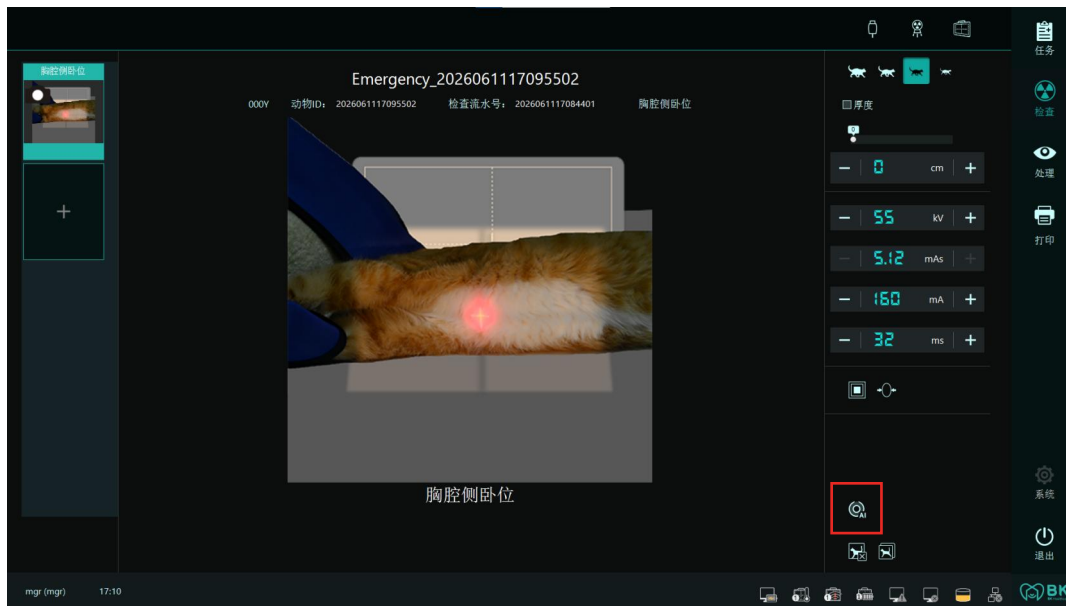
Precise detection: AI identifies positioning errors with accuracy exceeding that of senior technologists

Reduced radiation: eliminates unnecessary exposures, enabling one-shot success for greater safety

Fast onboarding: lowers learning curve and shortens operator training time



Intelligent Body Thickness Parameter Detection



Full automatic measurement: AI-based calculation eliminates manual estimation errors

Standardized operation: built-in parameter library enables textbook-quality imaging even for novice users

Intelligent anti-interference: detects postural changes in real time and dynamically compensates parameters

Professional and safe: reduces retakes and lowers overall radiation exposure



AI Image Quality Control



AI quality control: generates optimization suggestions, reduces retake rates and lowers operational costs

Intelligent shooting guidance: objective image quality assessment eliminates subjective judgment errors for more scientific quality evaluation

Intelligent defect recognition: accurately captures subtle defects that are difficult to detect, greatly reducing clinical risks

Intelligent improvement suggestions: root cause analysis plus actionable solutions for continuous skill improvement

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AI Image QC

06/01 12:04:09 Completed

06/01 10:18:32 Completed

06/01 10:05:30 Completed



Thickness Measure

Settings

×

Poor

Does Not Meet clinical diagnostic requirement

Thorax (Lateral view)

Body Part

Note: Image quality is rated as Excellent, Good, Fair, and Poor, corresponding to whether clinical requirements are met.

Summary & Suggestions

Operation Suggestions

Ensure proper alignment by using positioning aids, such as sandbags or foam wedges, to prevent spinal rotation. Fully extend the forelimbs cranially to avoid overlapping cranial thoracic structures. Confirm the alignment of the sternum and spinal column during positioning.

Parameter Suggestions

Consider reducing kV slightly (e.g., to 42-43 kV) or decreasing exposure time (ms) to mitigate overexposure while maintaining adequate penetration of the thoracic cavity.

Positioning & Exposure

Coverage

The thoracic cavity is adequately included from the thoracic inlet cranially to the diaphragm caudally. However, part of the caudal aspect (e.g., the last ribs) could be more distinctly captured.

Posture Assessment

The body is not in an ideal lateral position; there is mild spinal rotation as the sternum does not appear fully superimposed on the vertebral column. The forelimbs are not sufficiently extended cranially to avoid superimposition on the ventral thoracic region.

Density & Penetration

The overall density is appropriate, and the image penetration allows visualization of both high-density structures like the spine and soft tissues. However, the central thoracic region appears slightly overexposed.

Contrast & Grayscale

The contrast between the pulmonary parenchyma, vascular structures, and surrounding soft tissue is acceptable. There is sufficient detail in distinguishing the ribs, cardiac silhouette, and lung fields.

AI-Powered Imaging Diagnosis



Instant analysis: AI initiates analysis immediately after DR exposure

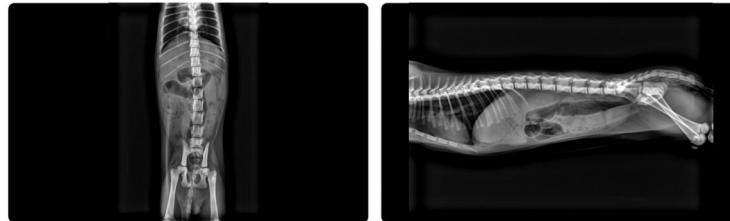
Report in 1 minute: eliminates long waiting times, delivering 30x efficiency improvement

95.7% diagnostic accuracy: reliable precision to support clinical decision-making

Full species coverage: dogs, cats and exotic pets, enabling professional interpretation even for junior veterinarians

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影像所见:

病灶部位: 腹腔为主, 胃体/幽门区及小肠样。

发现异常:

- 前腹部胃体及幽门区明显胀气, 并见液-气界面 (低密度气体与软组织密度分层); 最大单个气体腔直径约3.0-3.5厘米 (依据椎体与肋骨间距估算), 提示胃内容物与气体滞留。
- 多段小肠样中度扩张, 气体充盈, 最大直径约10-12毫米; 部分样呈不规则串珠状连续小气泡排列, 伴间断液平, 为机械性梗阻或线性异物引起肠道牵拉/皱褶的典型影像征象。
- 结肠轻度充气, 无明显扩张; 腹腔内未见游离气体或明显腹腔积液影像表现, 整体器官轮廓在幼龄猫可接受范围内。

诊断结果:

主诊断: 小肠机械性梗阻 (高度怀疑线性异物, 如线/绳带), 并伴胃内容物滞留导致呕吐。

鉴别诊断:

- 功能性麻痹性肠梗阻/重度胃肠炎 (但影像更偏向机械性征象)
- 肠套叠 (需超声排查)
- 胃出口梗阻 (胃幽门异物或先天性幽门狭窄, 幼龄猫需考虑)

治疗参考:

- 立即进行腹部超声检查: 重点评估是否存在线性异物 (肠样呈皱褶、固定点、肠壁增厚)、肠蠕动、肠腔内容物, 及是否有腹腔积液; 并行口腔检查 (猫常见线性异物固定于舌下)。
- 稳定支持治疗: 静脉补液纠正脱水与电解质紊乱; 必要时使用止吐药 (如马罗匹坦), 但若高度怀疑完全性梗阻需谨慎并行胃肠减压 (禁食, 必要时置胃管)。
- 若超声证实机械性/线性异物梗阻: 尽快与外科团队会诊, 进行外科探查取出异物 (线性异物禁盲目牵拉); 若异物局限于胃且条件允许, 可考虑胃镜下取出。
- 若影像与临床仍不确定: 可进行碘造影序列胃肠造影或短期X线序列复查 (6-12小时) 以评估气体/液平变化, 但在怀疑穿孔或需急诊手术时不建议延误。
- 实验室检查: 血常规、生化、电解质、酸碱状态评估; 幼龄猫同时进行粪便寄生虫检查。
- 护理与家庭建议: 在明确诊断前禁食 (可少量供水), 观察呕吐频次、腹胀、精神状态; 移除家中线绳、毛线、塑料带类物品并严禁自由摄入玩具碎片; 术后或治疗后遵医嘱进行少量多餐、逐步过渡到易消化处方粮, 并按医嘱监测体温、伤口与排便情况。

Comfortable HD Eye-Friendly Imaging

Effortless diagnosis with clearly visible lesions

Comfortable, high-definition, eye-friendly imaging that faithfully reproduces fine details and density gradations of lung markings, soft tissues and bone structures.



What a DR System Can Do for Your Clinic...

- **Skeletal Lesion Examination**

Fractures, hyperostosis, osteoporosis, periosteal reaction and new bone formation, osteonecrosis, bone tumor lesions, developmental deformity screening, etc.

- **Respiratory Tract Examination**

For pets with cough, nasal discharge and other respiratory symptoms: evaluates cardiac silhouette enlargement, lung morphology, and presence of pulmonary edema, infection or space-occupying lesions.

- **Urinary System Examination**

For pets with hematuria or dysuria: detects bladder stones, ureteral stones, and assesses bladder filling status.

- **Gastrointestinal Tract Examination**

For pets with vomiting and diarrhea after ruling out bacterial enteritis, parasites and viral enteritis: rules out intestinal obstruction, intussusception, intestinal foreign bodies, gastric foreign bodies, etc.

- **Pregnancy Examination**

Confirms pregnancy, estimates fetal count, evaluates fetal size and position. DR is the fastest and most comprehensive examination method, especially in late pregnancy.