Digital Radiography Floor Mounted Series

PLD5600/PLD6500/PLD5900

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About Perlove

Lead with Science and Technology Build Dreams with Ingenuity

Ever since the company was founded in 2003, Perlove Medical is a high-tech enterprise integrating the research, production, sales and service of medical imaging equipment. While the focus of these activities has varied, one thing has never changed: Perlove is customer demand-oriented and has always demonstrated a strong commitment to society with the right and qualified product and service. As a high-tech company, Perlove firmly engage in self-research and technology innovation to make products close to clinical demand and continuously enhance the progress of medical technology. All come to help the improvement of global medical condition and reduce the medical cost. Located in Nanjing, China, Perlove's products are serving clients in over 100 countries and districts across the globe.

Industry Leader
Trusted by Customers

Work hard for nearly 20 years

General radiology equipment one-stop supplier

Mobile products have led the domestic market share for more than 10 consecutive years

Nearly 40,000 square meters of production and office area

Medical X-ray National Standard Designated Unit

Sold to more than 100 countries and regions around the world

PERLOVE
MEDICAL

Large size touch user interface
Easy exposure control

Graphical anatomy program

The system offers an easy-to-understand visual logic for intuitive exposure parameter setting.

3D positioning guidance

Creating a 3D positioning image to help the patient for fast and accurate positioning guidance.

Self-adaptive screen

Screen auto rotation between table and bucky stand, offering easy and convenient operation.

Data synchronization

Exposure parameters synchronization between touch screen interface and workstation, speeding up your workflow in daily routine.
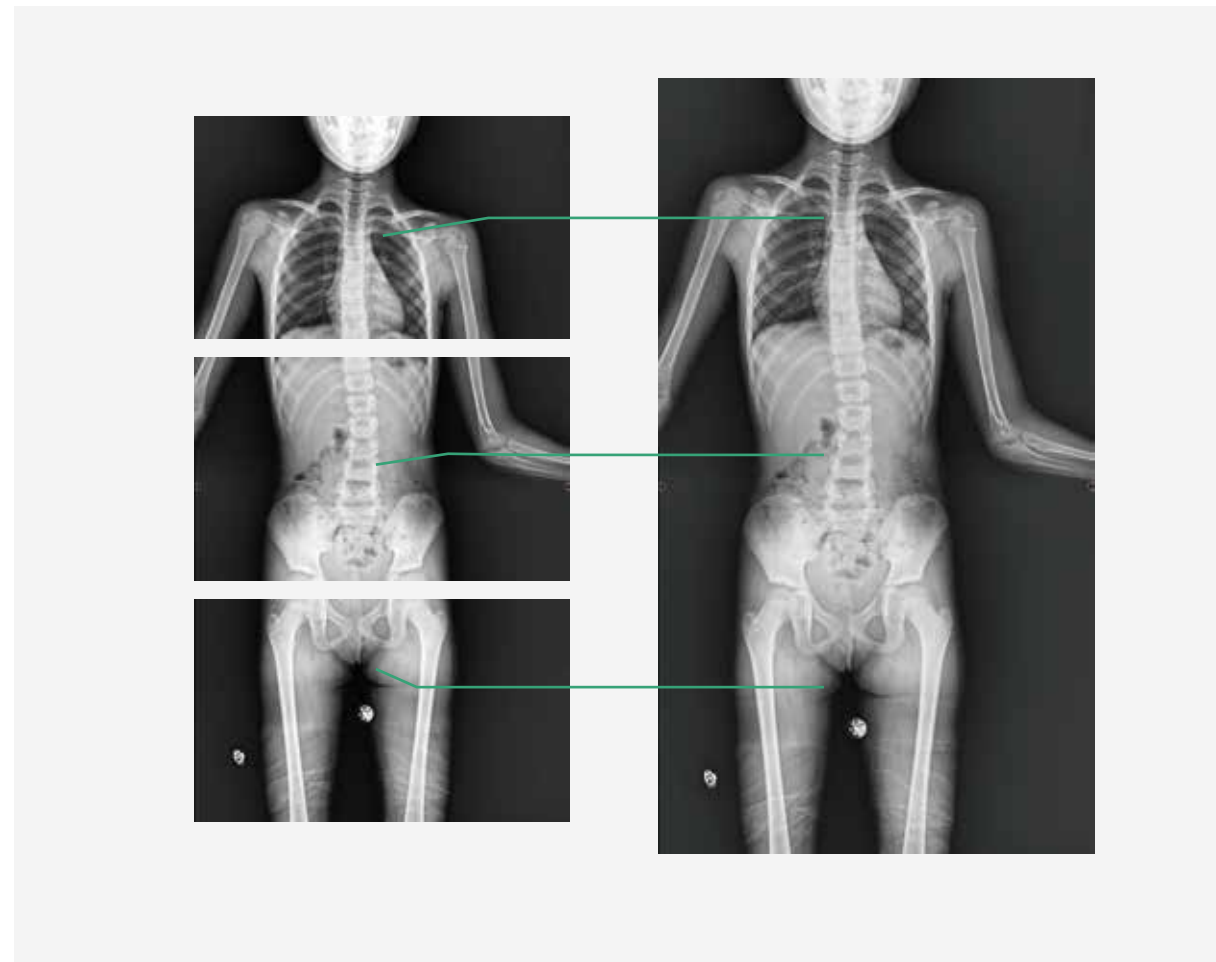
Emergency mode

Allowing instant exposure for fast examination, saving valuable time for emergency workflow.

DAP monitoring *Option*

Real time DAP monitering is available, measuring actual dose level and displaying on the console.

Intelligent system control makes your operation easier

Auto stitching *Option*
Captured image can be automatically stitched together by the system, giving a long image that extend across the larger areas of the body.

Auto tracking *Option*
Synchronized vertical travel of X ray tube and bucky unit, providing fast positioning for examination.

Auto exposure control *Option*
Automatically controlling the amount of total radiation to ensure a better image quality.

In-tray charging
Built-in charging port in both bucky stand and bucky table can always speed up workflow with fast charging.

Smooth positioning at complex angle for radiography

Floor-mounted tube support and fixed table
Radiography in both standing position and various orthopedic position.

Flexible X ray tube movement
Free rotation of X ray tube enables different angle of radiography for complex orthopedic position, allowing easy positioning for patient on wheelchair and stretcher.

4-way floating bucky table
Long table floating range makes easy radiography for every desired anatomy of human body.

Long vertical travel of X ray tube
The X ray tube travels in long vertical distance. 35cm minimum distance between X ray tube and floor make it possible for ankle radiography in weight bearing position.

Flexibility of grids
Equipped with two removable grids for bucky stand (focal distance=1.8m) and bucky table (focal distance=1.0m), dedicating for chest radiography and table radiography.

Rich options for clinical application

Multiple bucky table options

Three available options of bucky table: mobile type, fixed type and lifting type. The lifting table is able to lower to a minimum of 50cm, maximizing your focus on patient care.

Fixed type

Mobile type

Lifting type

High inverter frequency generator

- Self-developed high voltage generator provides high quality and stable X ray.
- Unique mobile design maximize your spacial layout.

High performance X ray tube

- X ray tube with high heat capacity and high speed anode rotation.
- Extending your workflow with stable image quality in a variety of clinical application.

High end panel detector

- High spacial resolution imaging detector brings crystal clear image with delicate details.
- Flexible configuration and option: mobile or wireless, single or double, it's all up to you.
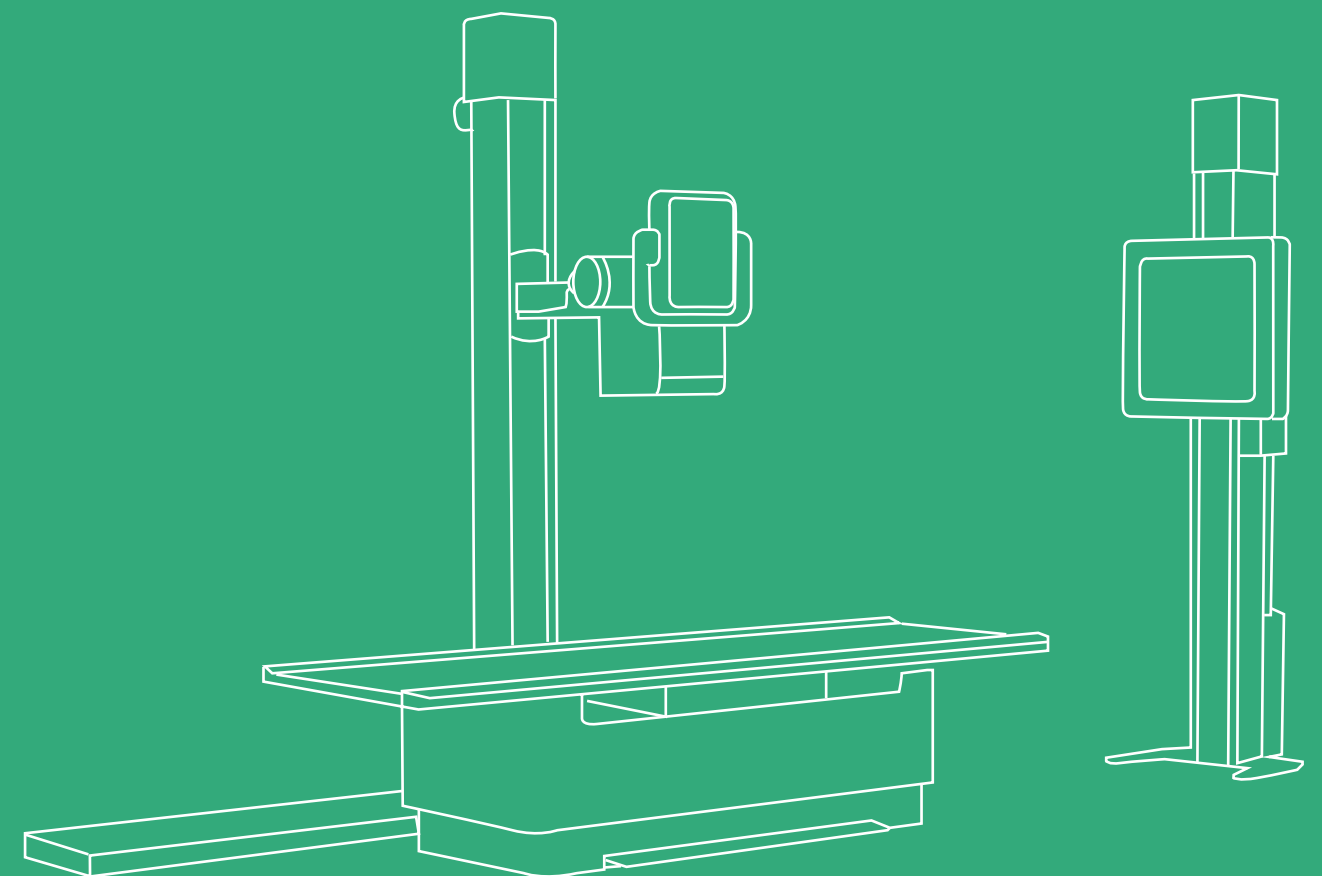
Ambitous workstation

- Image workstation expand your diagnosis with versatile features: e.g. cardiothoracic ratio measurement, position measurement.

Selected components contributes to excellect image quality

High efficient image system delivers effortless interaction

Registered exposure programs

The system can register up to hundreds of exposure parameters regard to different anatomies and positions, making it always easy for radiography examination.

Fast imaging

The system can automatically process the acquired image, bring clear image with speed and improving examination efficiency.

Image post-process

Performing post-processing immediately after acquiring each image based on preset image database, ensuring the best image quality.

Remote data sharing

Seamless interconnection between PACS and image workstation, remote data sharing.
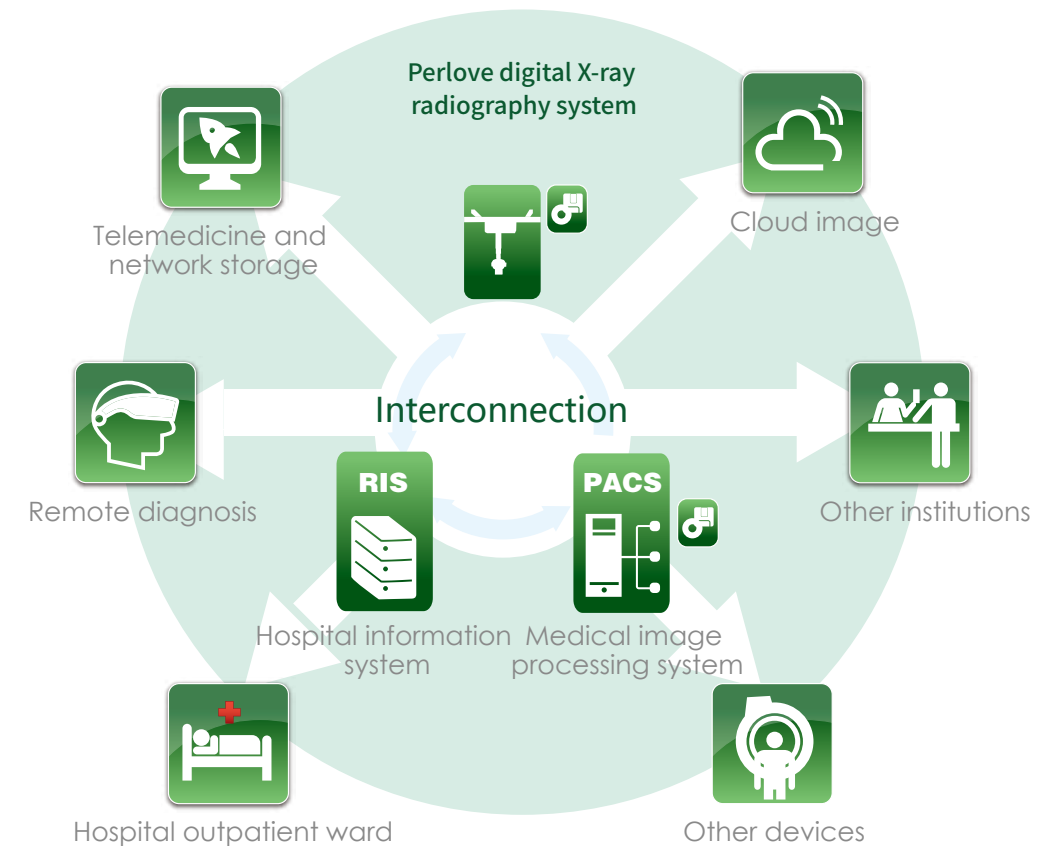
One push on/off switch

Fast boot up at the press of one button, making it extremely simple and convenient for examination.

Barrier-free communication

Radiologist can give instructions to the the patient or adjust the parameters outside of the X ray room through the workstation table.

Certifications- CE, ISO Approved

Perlove digital X-ray radiography system

Telemedicine and network storage

Cloud image

Remote diagnosis

Interconnection

RIS

PACS

Other institutions

Hospital information system

Medical image processing system

Hospital outpatient ward

Other devices

- The system can be maintained remotely, it can perform fault self-diagnosis and display fault codes, quickly and accurately determine the fault status and has self-protection functions.

- It can share information with PACS system, bring benefits for remote diagnosis.