

Handheld Radiography System

Low Dose • High Resolution • Light Weight



PIX HnX-P1

H&abyz



■ Wider Range of Clinical Applications



Chest, Abdomen, C-spine, Hand, Knee, Shoulder, Foot, Skull

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Chest, Abdomen, C-spine, Hand, Knee, Shoulder, Foot, Skull

Internationally recognized for its ergonomic design

International Grand Prize Design Award

Best of Best 

PIN UP DESIGN
Domestic Award



Gold Winner 

K-Design Award
Domestic Award



Grand Prize 

GLOBAL DESIGN iT
International Award



Gold Winner 

Spark Awards
International Award



Intuitive, easy-to-use X-ray solution



Wide-range kVp, mAs coverage
Max. 90kVp, 16mAs



Convenient options
Distance Guide(SID), Preset Mode(APR)



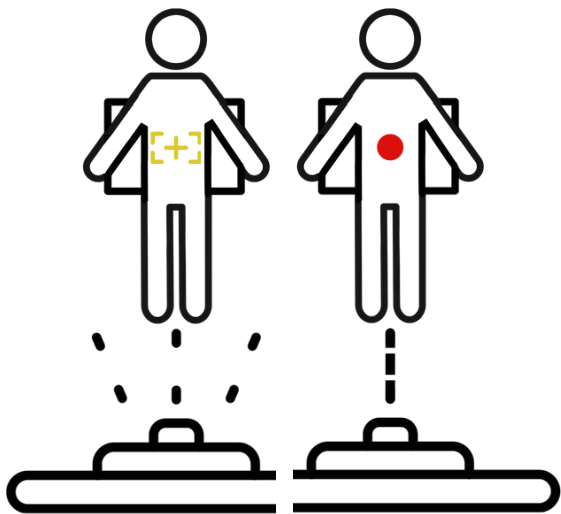
Battery capacity
Chest AP : $\approx$ 285 Shots



Wide screen and intuitive design



FOV Guide (LED)
SID Guide (Laser)



4-in. Wide LCD Screen



Preset(APR)

Pre-set kV and mAs for
quick adjustment in APR
mode (up to 10 settings)



Fast charging



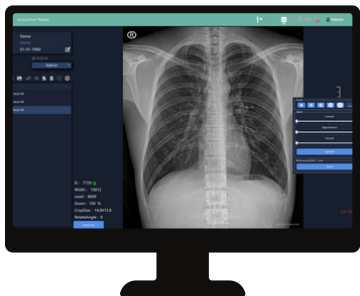
Solutions

Basic

X-ray Source & Detector



Software



Options

Stand

- Stand Options
- PC/Tablet PC Holder
 - Storage



Options



Tripod - Detector

Options



Tripod - Source

Detail





■ Options

Mobile case(M)

Portable X-ray
47*40*24cm
4.5kg
IP67

Mobile case(L)

Portable X-ray & 14*17in. Detector
62*52*36cm
11.5kg
IP67



**Tablet PC
Or PC**

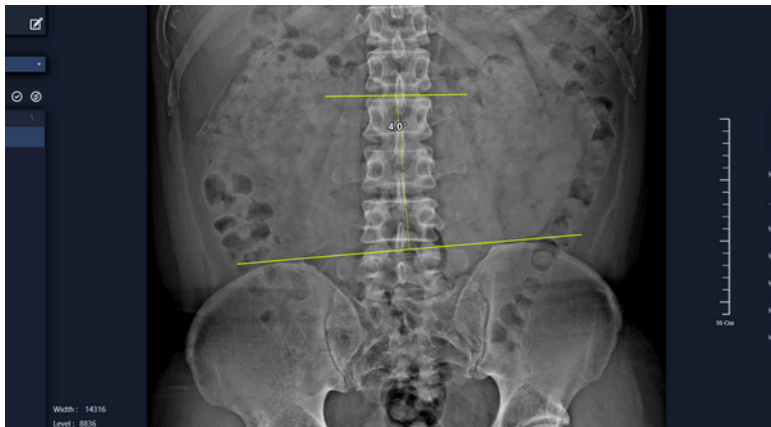
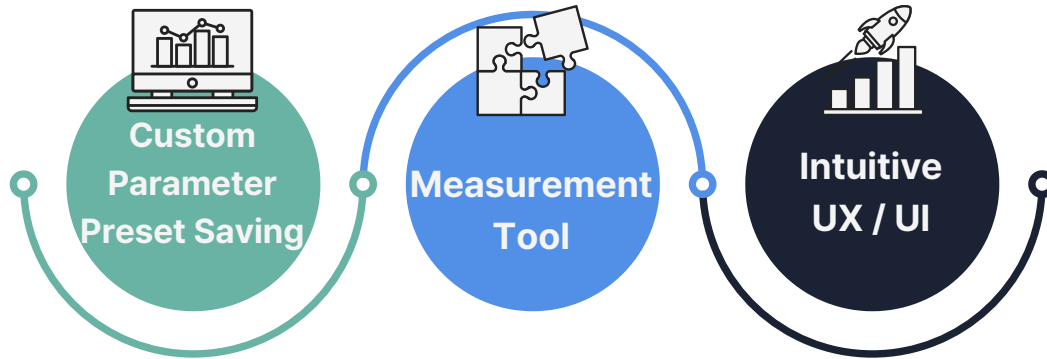


**Detector
Guard**

14*17in.
&
17*17in.



Image Software

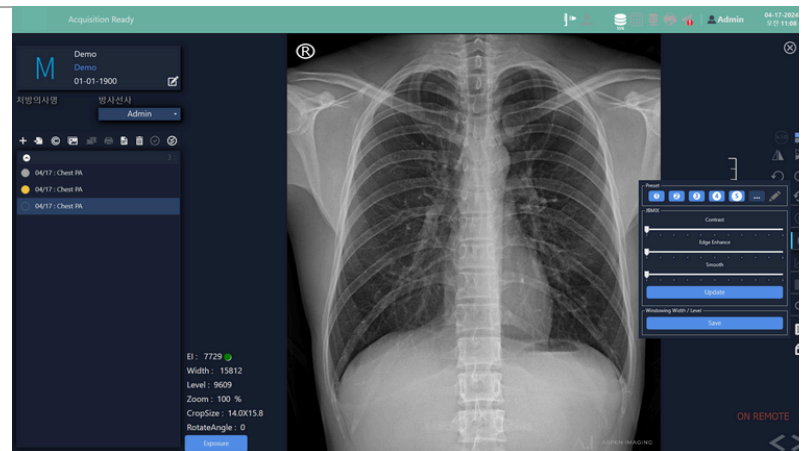


Various Measurement Tools

- ✓ **Multiple Measurement Functions**
Length, Angle, Size
Cobb Angle, Norberg Angle, ...
- ✓ **Easy Labeling and Cropping**
Auto Labeling and Cropping by Mode

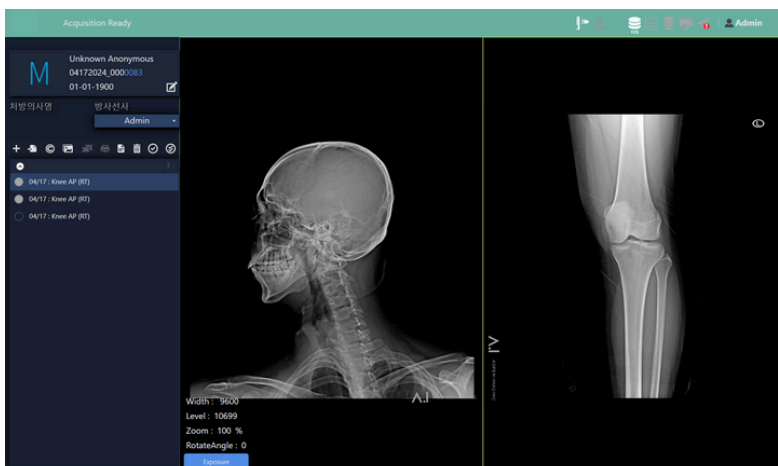
Custom Parameter / Preset Saving

- ✓ **Custom Parameter**
Adjustable Parameters for Contrast, Edge Enhancement, and Smoothness Based on Image Preferences
- ✓ **Preset Saving**
Save Custom Image Parameters as Presets for Convenient High-Quality Output in Future Imaging without Additional Adjustments



Intuitive UX/UI for Easy Adaptation

- ✓ **Intuitive UX/UI with Icon-Based Design**
Easy and Fast Adaptation with Customizable Toolbar for Maximum User Convenience
- ✓ **Real-Time Connection Status via Top Bar**
Quickly Check Detector Connection, PACS Status, Image Transfer, and Time



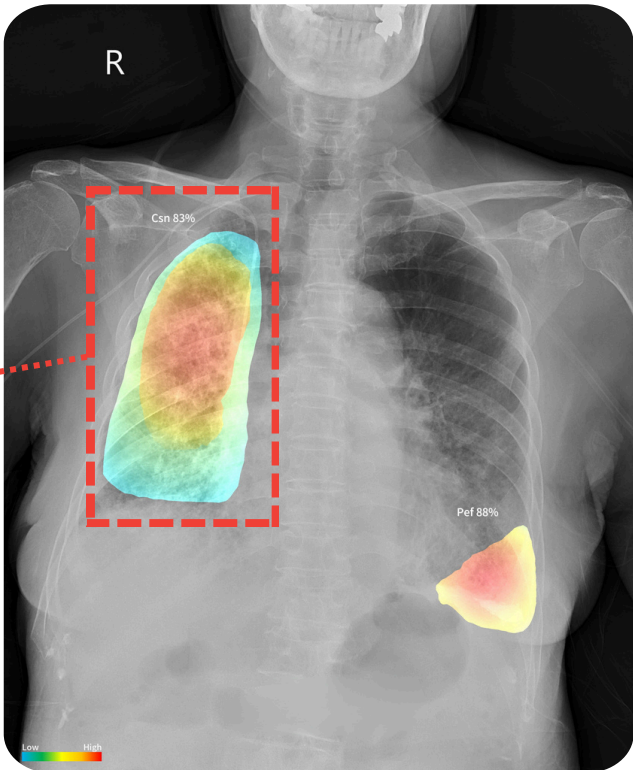


■ AI Powered Diagnosis

An average of **936 readings**/month/physician is required for proper interpretation
Delivering smarter solutions for **better** patient outcomes

- Accelerate analysis
- Enhance precision
- Optimize workflow

On-Device-AI without internet connection or Cloud



Pulmonary sclerosis

Sensitivity **87.0%**
Specificity **93.6%**

Thoracic Cavity

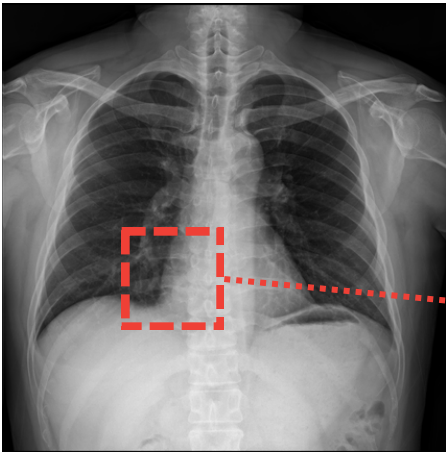
Sensitivity **94.4%**
Specificity **99.6%**

Sensitivity : The probability of detecting positive cases
Specificity : The frequency of true negative cases



Minimize radiation exposure with high-quality detectors

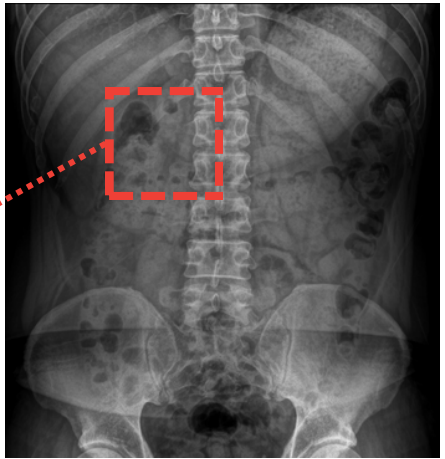
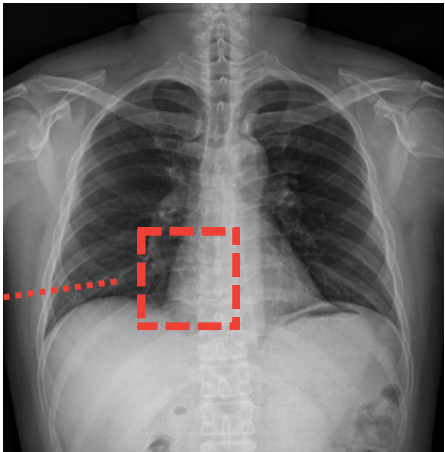
with regular X-RAY sources image



Minimize Radiation Exposure & Clear Image Quality



with H&abyz's Portable X-RAY sources image



Durability

Strong durability with up to 400kg of Uniform load



IP56



200kg

Bending Strength



400kg

Uniform Load



200kg

Point Load



Wired/Wireless Installation

AP Mode (limited to select models)



Specification

Premium X-ray Detector



★	
Tube kV	50 ~ 90 kV
mA	8 ~ 10 mA
mAs	0.4 ~ 16 mAs
Output Power	720 W
Collimator	Manual Type, Double Slit
	≤ 5 x 5 @ 100cm SID
	≤ 43 x 43 @ 100cm SID
Focal Spot	0.5 mm x 0.5 mm

★

Battery Charge Time ◆		1 hr 5 min
Shot Count ◆	Chest PA	285 shots
	Chest LAT	200 shots
	Max Power	70 shots
Operating Time ◆	Max Power	3 hr 20 min
	Chest PA	2 hr 35 min
Weight ▲		3.5 kg



★	●★	HAD1717MC (MC)	A1417MCW (2G 4335 Standard)	A1717MCW (2G 4343 Standard)
Detector Type		a-Si TFT		
Scintillator		CsI		
Pixel Pitch		140μm		
Spatial Resolution		3.57 lp/mm		
DQE / MTF		45% (0 lp/mm, T) / 93% (0.1 lp/mm, T)	70% (0 lp/mm, Typical) / 83% (0.5 lp/mm, Typical)	
Dimensions		460 x 460 x 15 mm	460 x 384 x 15 mm	460 x 460 x 15 mm
Active Detector Matrix		3,072 x 3,072 pixels	3,040 x 2,466 pixels	3,040 x 3,036 pixels
Effective Area		427.2 mm x 427.2 mm	425.6 mm x 345.24 mm	425.6 mm x 425.04 mm
Weight ▲		3.75 kg	3.1 kg	3.6 kg
Dust/Water-Resistance		IP44	IP56	
Preview Time ◆		⏻ <2.5 s	⏻ < 2 s 📶 < 2.5 s	
Cycle Time ◆		⏻ 9 s	⏻ < 5 s 📶 < 6 s	



Wired



Wireless

★ Specifications subject to change without prior notice.

▲ Approximate weight with battery set.

◆ Depending on acquisition mode.

★ Some models are equipped with an inside AP.

● AED All available.

DISTRIBUTED BY



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