

X-ray Unit

HF Stationary Medical Diagnostic X-Ray Machine



Chest X-Ray stand (Option)

Model: TR-50N

360° rotating



translation



Digital display



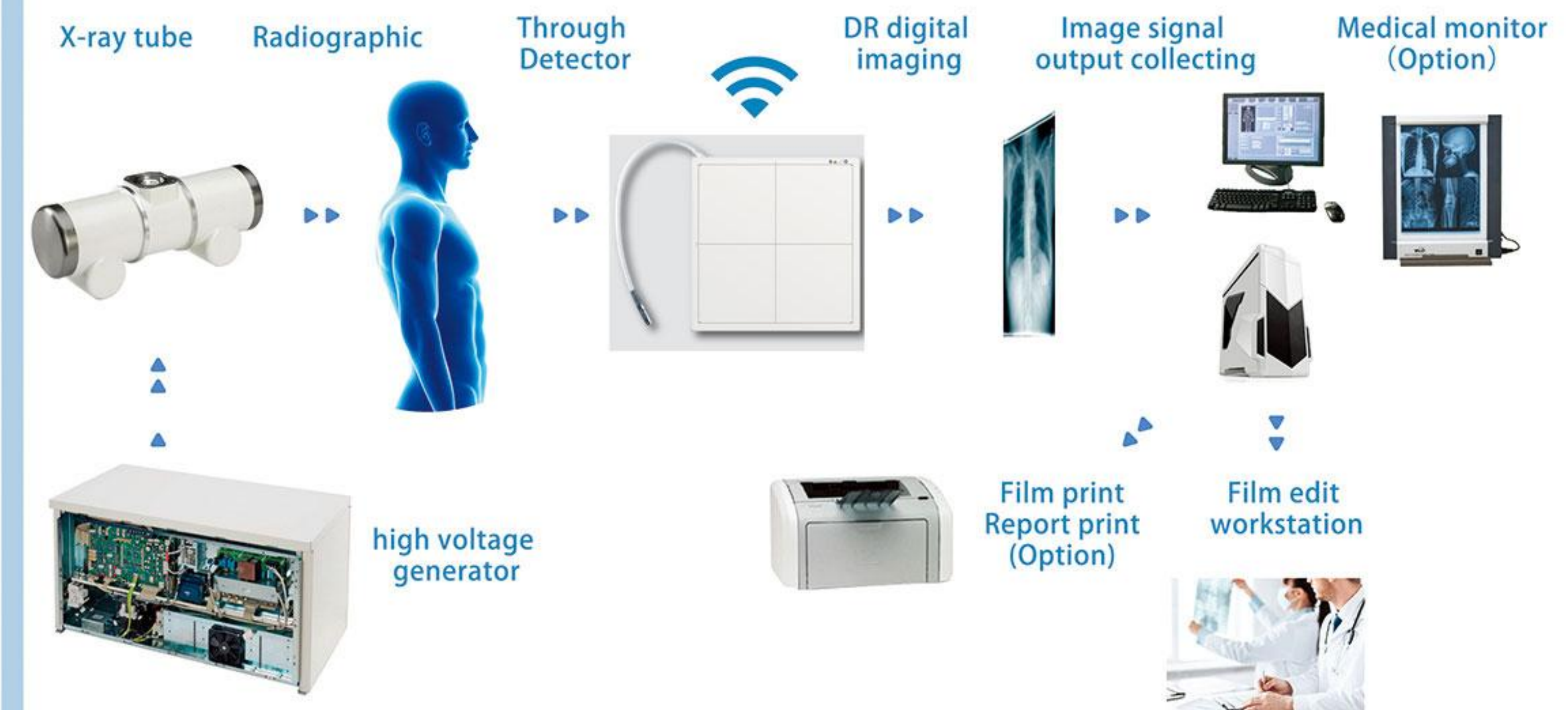
Control box LCD touch screen



Optional Flat Panel Detector (made in China) achieve digital type

Main Component Structure:

DR Digital Imaging:



High Quality Image



Features:

- Model TR-50N is standard type;
- Model TR50N-DR, base on model TR-50N, add Wired Flat Panel Detector (made in China), achieve digital type;
- Can work properly at 220V, very convenient; (optional energy-storing device)
- Simulation and digital double loop accuracy control method;
- High precision radiography time control;
- High precision tube current control;
- Kinds of setting modes for radiography conditions;
- Default self-protection, self-diagnosis;
- Lightweight and compact console has the setting of radiography parameters for adult and children's body features in multi parts, multi positions and multi conformation.
- It operates easily and can be digital display.

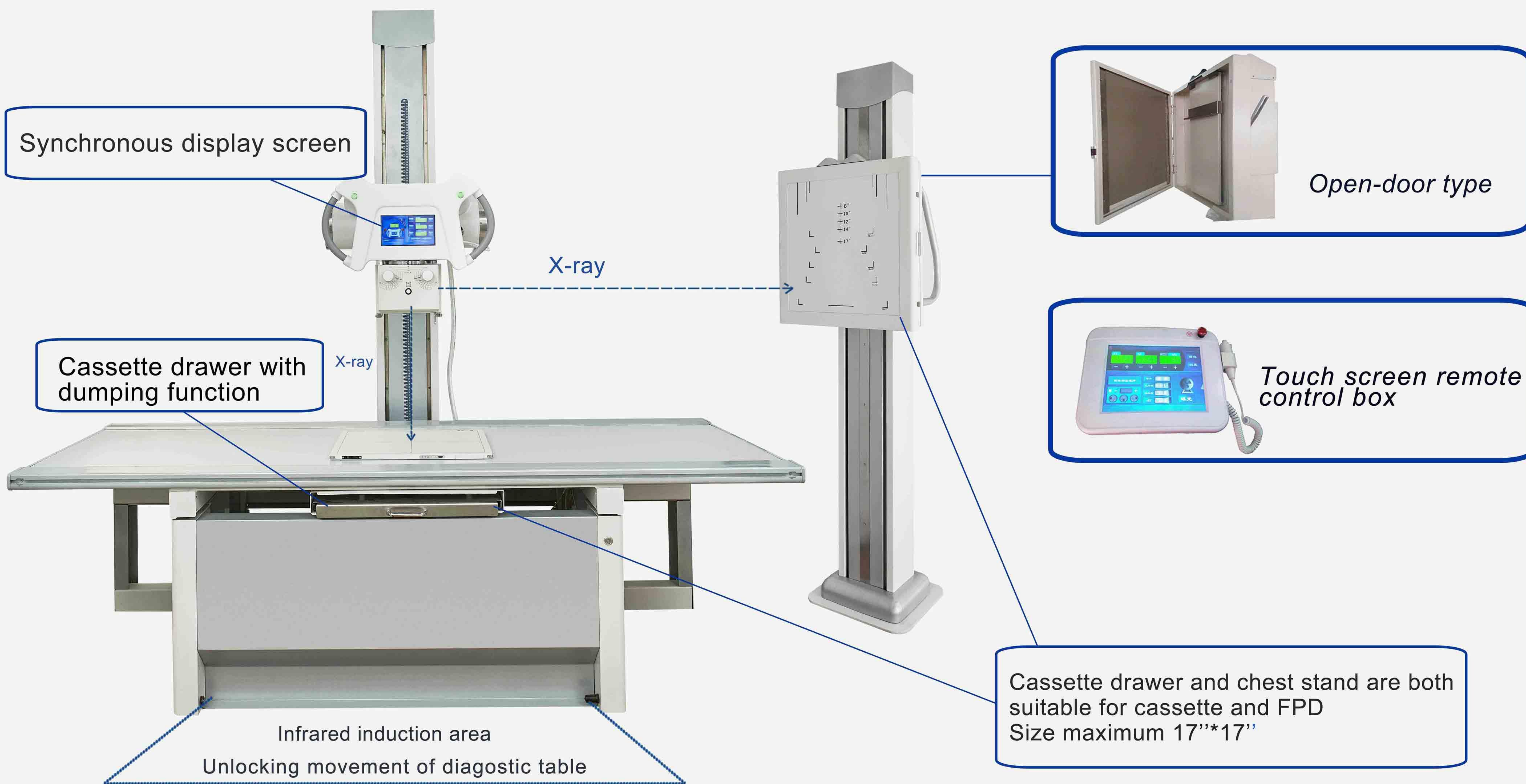
Main Technical Parameter

Model	TR-50N	
Power supply	AC380V±10%,50/60Hz, or AC220V±10% (optional)	
Working frequency	≥100kHz	
Max. Power	Max. output power 50kW	
X-ray tube component	Chinese tube (Toshiba for option),Rotating anode, Double focus: 0.6mm/1.2mm	
Radiographic	kV:	40kV~150kV
	mA:	10mA~630mA (AC380V±10%) or 10mA~500mA (AC220V±10%)
	mAs:	0.5mAs~630mAs
Exposure time range	0.002s~6.3s	
Radiographic table		2100mm×825mm×655mm
		Longitudinal movement range: ≥825mm, Horizontal movement range: ≥250mm
Tube stand		Longitudinal movement range: ≥1575mm
		Horizontal rotating range: ±180°, Vertical rotating range: ±90°
		Distance from focus spot to film: ≥1200mm, Locking way: Electromagnetic lock
X-ray grid		Fixed, Grid density: 103L/cm, Grid ratio: 10:1, Focus distance: 1000mm
Vertical cassette stand		Vertical Travel ≥1000mm and minimum floor to focus distance of ≤800mm, The film size: no more than 17"×17", Bucky: f0=180cm, r=10:1, density: N=103L/cm
Optional China flat panel detector, achieve digital type		

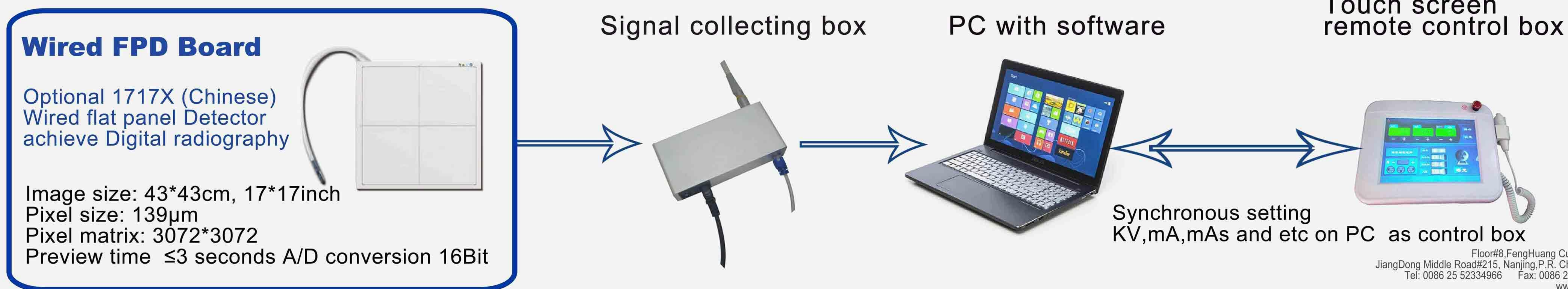
HF Medical Radiographic X-Ray Unit



TR-50N 50kW 150kV 630mA / **TR-30N** 32kW 125kV 400mA



TR50N-DR/TR30N-DR (Digital radiography system)



HF Stationary Medical Diagnostic X-Ray Machine



Digital display



Control box
LCD touch screen



Model: TR-30N

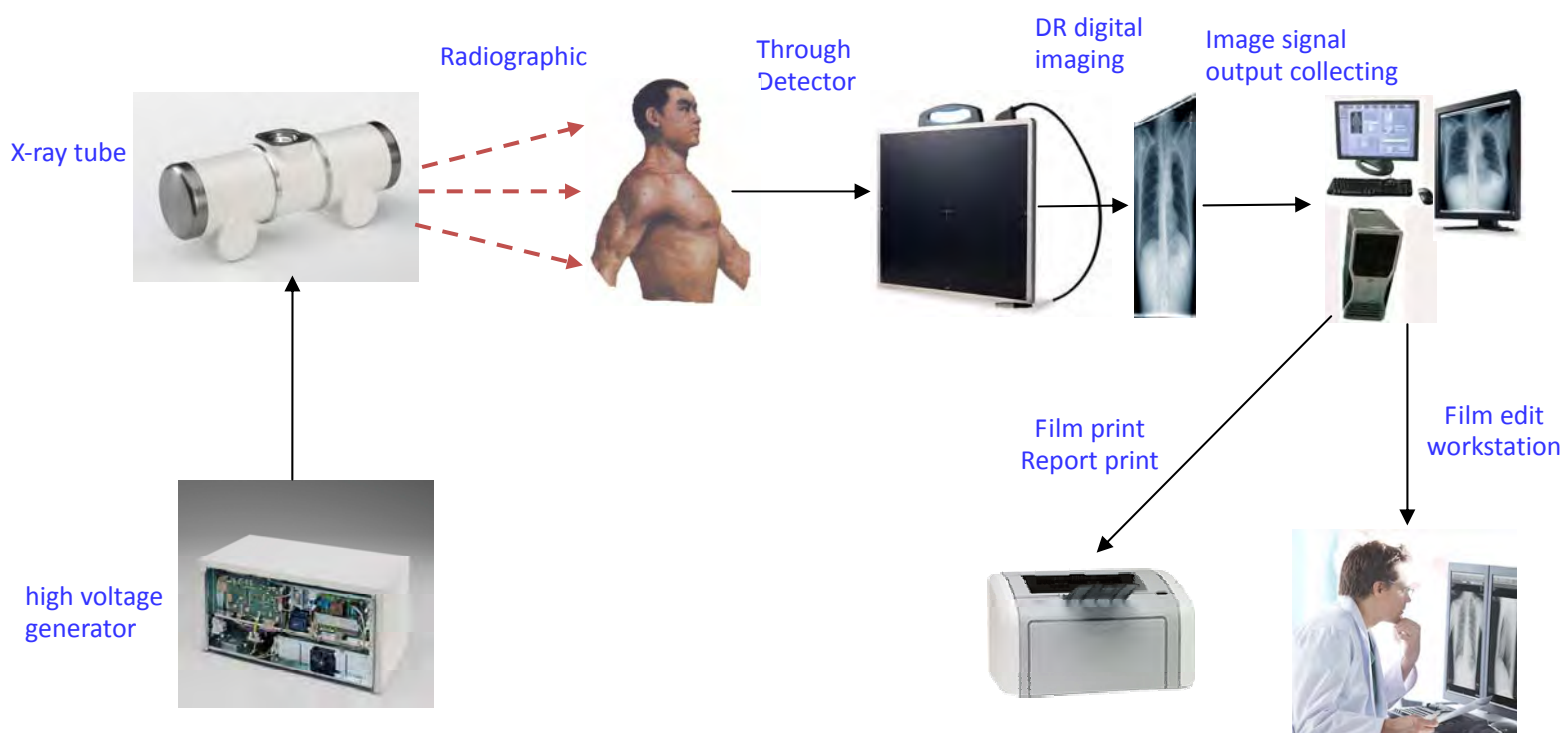


Chest X-Ray stand



Optional Chinese
1717X Wired Flat
Panel Detector,
achieve digital type

DR digital imaging:



Features:

- * Model TR-30N is standard type;
Model TR30N-DR, base on model TR-30N, add Chinese 1717X wired flat panel detector, achieve digital type;
- * With energy-storing device, can work properly at 220V, very convenient;
- * 32kW 125kV 400mA Radiographic machine

Main Technical Parameter:

Model		TR-30N
Power supply		AC220V±10%, 50Hz
Working frequency		30kHz
Max. Power		Max. output power 32kW
X-ray tube component		Chinese tube, Rotating anode, Double focus: 1.0mm/2.0mm
Radiographic	kV :	40kV~125kV
	mA :	32mA~400mA
	mAs :	0.32mAs~400mAs
Exposure time range		10~5000ms
Radiographic table		2100mm×825mm×655mm Longitudinal movement range: ≥825mm, Horizontal movement range: ≥250mm
Tube stand		Longitudinal movement range: ≥1575mm Horizontal rotating range: ±180°, Vertical rotating range: ±90° Distance from focus spot to film: ≥1200mm, Locking way: Electromagnetic lock
X-ray grid		Fixed, Grid density: 103L/cm, Grid ratio: 10:1, Focus distance: 1000mm
Vertical cassette stand		Vertical Travel ≥1000mm and minimum floor to focus distance of ≤800mm, The film size: no more than 17"x17", Bucky: f0=180cm, r=10:1, density: N=103Lines/Inch
Optional Chinese 1717X Wired Flat Panel Detector, achieve digital type (Only suit for model TR30N-DR)		Wired Flat Panel Detector (Made in China, model: 1717X)
		Detector Technology: Amorphous Silicon
		Scintillator: CSI
		Active Area: 17"x17"
		Pixel Pitch: 139um
		Number of Pixels: 3072x3072
		Spatial resolution: 3.6lp/mm
		AD Conversion: 16bits
		Preview Image: ≤3s
		Full Image: ≤5s
		Data Interface / Detector Control: Ethernet
		Trigger Mode: AED/ Prep/ Software
		Degree of Protection: IP54
Dimension: 460x460x15mm		
Weight: ≤4.0kg		
Power Consumption: 25W		

High Quality Image:

