

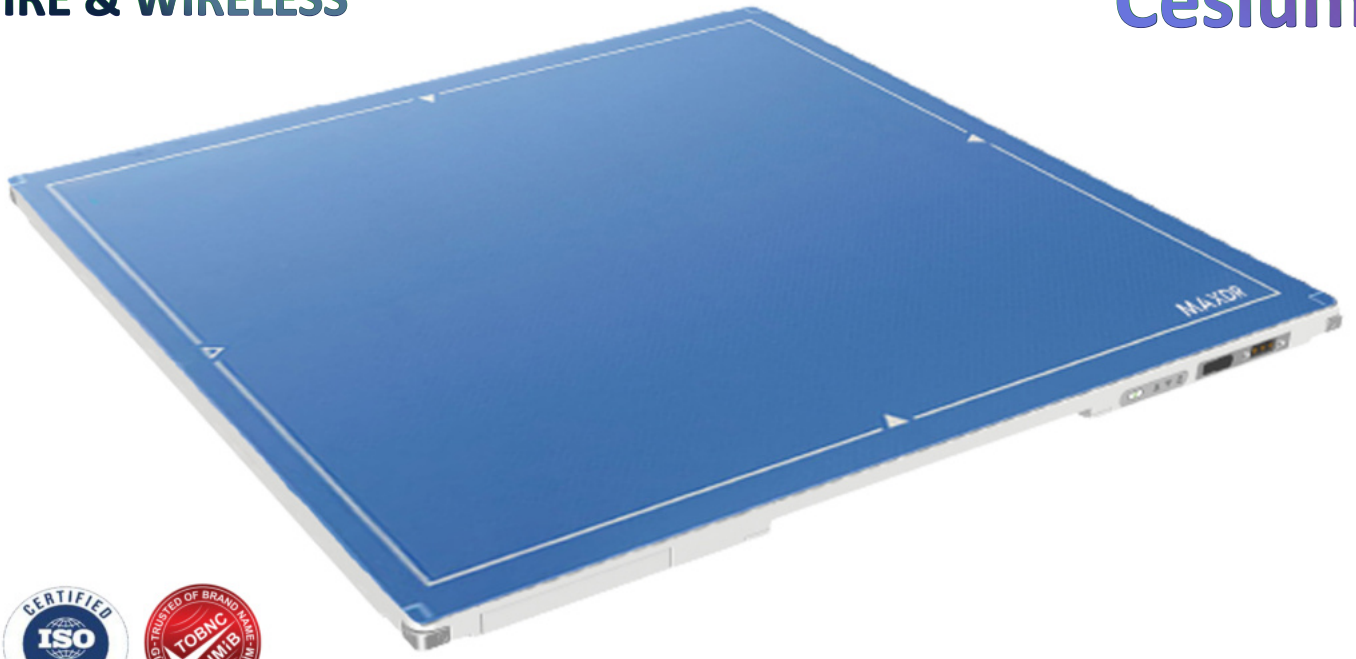
# MAX-DR

## Digital Flat Panel Detector



 WIRE & WIRELESS

Cesium

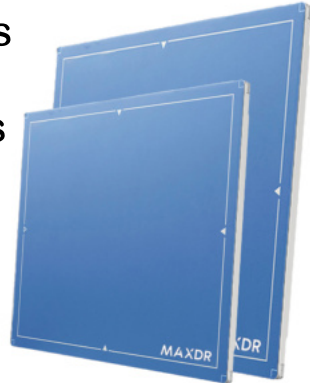


4343-W



4343-S

3543-S



# Digital Flat Panel Detector

## FEATURES

-  **HIGH IMAGE QUALITY**  
High Image Quality & Low Noise at Lower Dose
-  **HIGH DURABILITY**  
MAXDR is durable against whole surface up to 250 Kg.
-  **SMART SOFTWARE**  
User Friendly & Smart Software
-  **5G SYSTEM**  
5G Technology inside
-  **AED TECHNOLOGY**  
Faster Acquisition with 2nd Generation AED
-  **MOBILE VIEW**  
Viewer for any personal device
-  **WATER RESIST**  
More Durable against water with IPX-5
-  **LONG LIFE BATTERY**  
Long Life Battery stands by up to 14 hours
-  **ON BOARD STORAGE**  
Protect any data by saving up your images on the detector.
-  **DUAL COMMUNICATION**  
Available both wired and wireless options in one device



# SOFTWARE INTERFACE

## SMART SOFTWARE

- Modern graphical user interface
- Capture of patient data via Ecomax Software
- Safe and fast for emergency
- Integrated radiographic positioning guide

## DUAL ENERGY FEATURE

- DE has significant potential for improving the conspicuity of chest pathology by removing the bone structures and for improving specificity by providing calcification information in the bone image, which greatly aids in characterizing pulmonary nodules.
- Dual-energy subtraction images are also helpful in the recognition of hilar and mediastinal masses; the detection of tracheal narrowing and vascular disease; the identification of bone, pleural, and chest wall abnormalities.

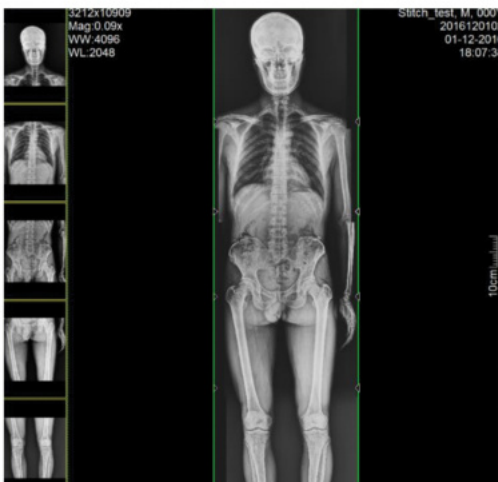
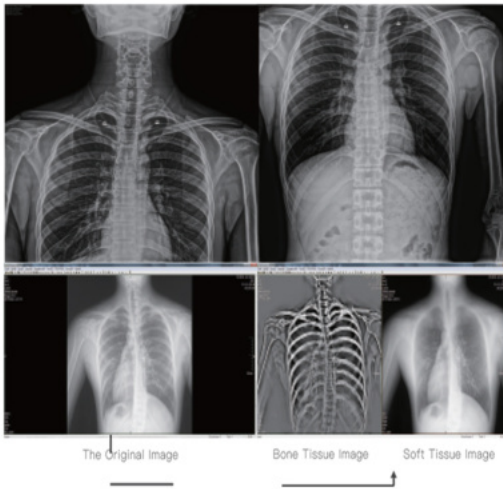
## STITCHING FEATURE

### Auto Stitch

- No matter images that need stitching comes from the cooperation of automatic positioning device or not, the software can be used to stitch them automatically.

### Manual Stitch

- No matter image acquisition is supported by the automatic positioning device or not, as long as there are more than two DCM format images, they can be stitched.



# DR FLAT PANEL DETECTOR

## Wireless Flat Panel Detector

### MAX DR 4343-S

<b>Detector Technology</b>	Amorphous Silicon	<b>Full Image Time (s)</b>	5
<b>Scintillator</b>	CsI	<b>Dimension (mm<sup>3</sup>)</b>	460 x 460 x 15
<b>Active Area (inch)</b>	17 × 17	<b>Weight (kg)</b>	4.6
<b>Pixel Matrix</b>	3072 × 3072	<b>Static Loading (kg)</b>	150
<b>Spatial Resolution (lp/mm)</b>	3.6	<b>Ingress Protection</b>	IPX1
<b>AD Conversion (bit)</b>	16	<b>Operating Temperature (°C)</b>	5~35
<b>Battery Autonomy (h)</b>	8	<b>Storage &amp; Transport Temperature with Package(°C)</b>	-20~55
<b>WIFI</b>	2.4G and 5G, IEEE802.11 a/b/g/n/ac	<b>Operating Humidity (% RH)</b>	10~90 (Non-Condensing)
<b>Trigger Mode</b>	AED (Optional) / Software	<b>Storage &amp; Transport Humidity with Package (% RH)</b>	5~95 (Non-Condensing)

### MAX DR 3543-S

<b>Detector Technology</b>	Amorphous Silicon	<b>Full Image Time (s)</b>	5
<b>Scintillator</b>	CsI	<b>Dimension (mm)</b>	384 x 460 x 15
<b>Active Area (inch)</b>	14 × 17	<b>Weight (kg)</b>	3.3
<b>Pixel Matrix</b>	2304 × 2800	<b>Static Loading (kg)</b>	150
<b>Pixel Pitch (µm)</b>	150	<b>Ingress Protection</b>	IPX1
<b>Spatial Resolution (lp/mm)</b>	3.4	<b>Operating Temperature (°C)</b>	5~35
<b>AD Conversion (bit)</b>	16	<b>Storage &amp; Transport Temperature with Package(°C)</b>	-20~55
<b>Battery Autonomy (h)</b>	8	<b>Operating Humidity (% RH)</b>	10~90 (Non-Condensing)
<b>WIFI</b>	2.4G and 5G IEEE802.11 a/b/g/n/ac	<b>Storage &amp; Transport Humidity with Package (% RH)</b>	5~95 (Non-Condensing)
<b>Trigger Mode</b>	AED (optional) / Software		



**ECOMAX**  
Medical Solutions

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