

BPL MRAD[®] 5.0 DR

The Smart Solution in Digital Mobile X-Ray Imaging

BPL Medical[®]
Technologies



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BPL MRAD[®] 5.0 DR

BPL MRAD 5.0 DR is an Ultra High Frequency digital Mobile Integrated DR solution that combines unique design & superior image quality at low radiation dosage, which is ideal for patient wards, intensive care, operating rooms etc.



16" full touch control panel



Compact & Light weight design



Concealed cable design for advantage in hospital environment



5 kW Generator Output



Smaller focal support (1.8mm) for superior image quality



110 KHz high frequency generator

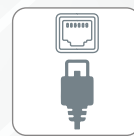


Error indication to minimize downtime

**Powered by
Ultra-High Frequency X-ray generator**

Advantages of BPL M-Rad 5.0 DR

- For Patient – Comfortable bed side X-ray at a lower dose
- For Clinician – Smooth workflow with ease of positioning
- For Radiologist – Fast and accurate diagnosis
- For the Administrator – High patient throughput
- Extremely user friendly with wireless workflow



LAN Connectivity



Image transfer via
USB Port



CD/DVD Burn Facility
(Optional)



HDMI Port



Detector Storage with
Lock & Key Facility



*For Ultimate Portability
Wireless detector with innovative power Charging Solution*

EVS 3643WP

Ultimate Portability & high Durability

Advanced Features:

Internal Storage

For Stand-alone uses

100 Images can be stored inside detector's memory



CR mode & 3-Button Design

for Ultimate Portability

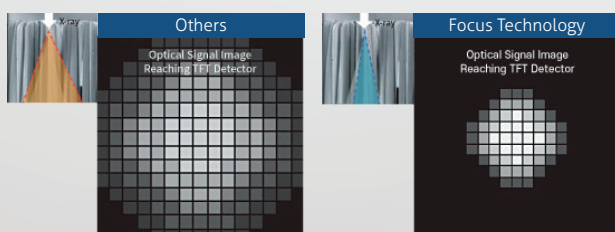
EVS-WP series allows for image acquisition without a workstation. The detector can be connected with a mobile device to ensure that images are being taken correctly to minimize the risk of retakes. With 3 button design quick mode switch and simply adding patient are available.

Fast Image Acquisition Time

Less than 2 sec. image acquisition time EVS WP-series enhances workflow efficiency with faster patient throughput without sacrificing image quality

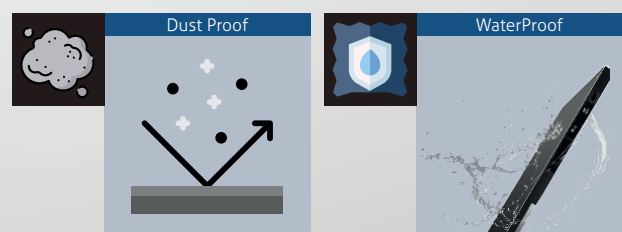
Focus Scintillator Technology

FOCUS (Fluorescent Optical Csi Upgraded Structure) has more focused optical signal compared to conventional Csi. As a result, ultra low noise is achieved by FOCUS technology.



Dust & Waterproof IP 54

Designed to prevent the infiltration of liquids, there is no need to worry for fluids such as blood or liquid could enter the device.

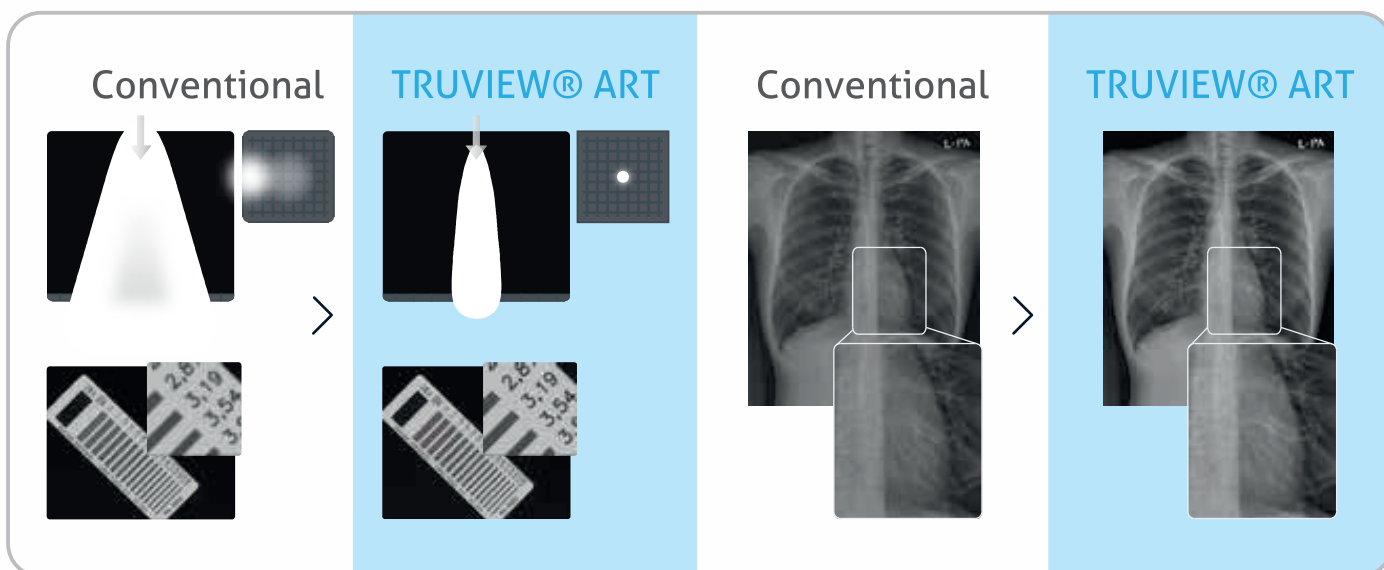


Technology with an Edge

TRUVIEW
ART 

Advanced image reconstruction technology

TRUE VIEW ART is a unique reverse filtering technology using mathematical analysis, reconstructs and improves image sharpness to increase the possibility of detecting abnormalities



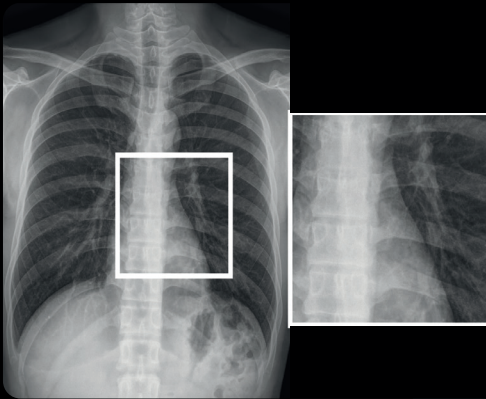
TRUVIEW[®] ART Advanced image Reconstruction Technology

DEPAI[™] AI Deep Learning based Image Processing

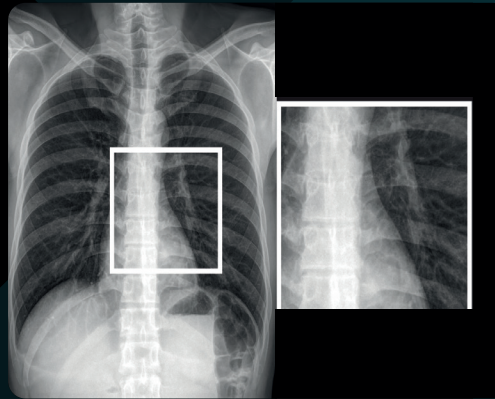
MTF performance provides better understanding of the image quality. Higher MTF value correlates with increase in image sharpness. A proprietary image processing algorithm, TRUVIEW[®]ART increases MTF performance of indirect type (Csl) by removing the light scatter improving the image sharpness.

After years of hard work DEPAI[™] AI is successfully launched With DEPAI (Definition Enhancement Processed Advanced Imaging) AI algorithm, EVS-WP series by QX platform has 2.5 X higher visibility and improved detectability for micro-abnormalities frequently observed in pre-pneumonia or COVID-19 cases.

Less Advanced DR



EXPEED Series with QX Platform

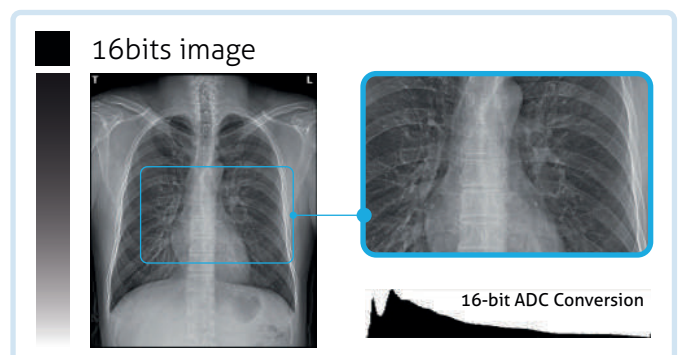
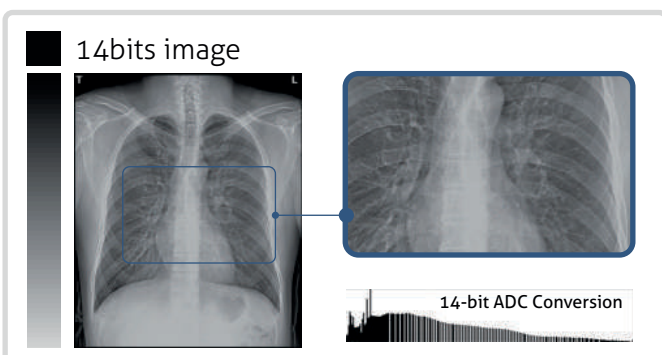


Benefits of DEPAI[™]

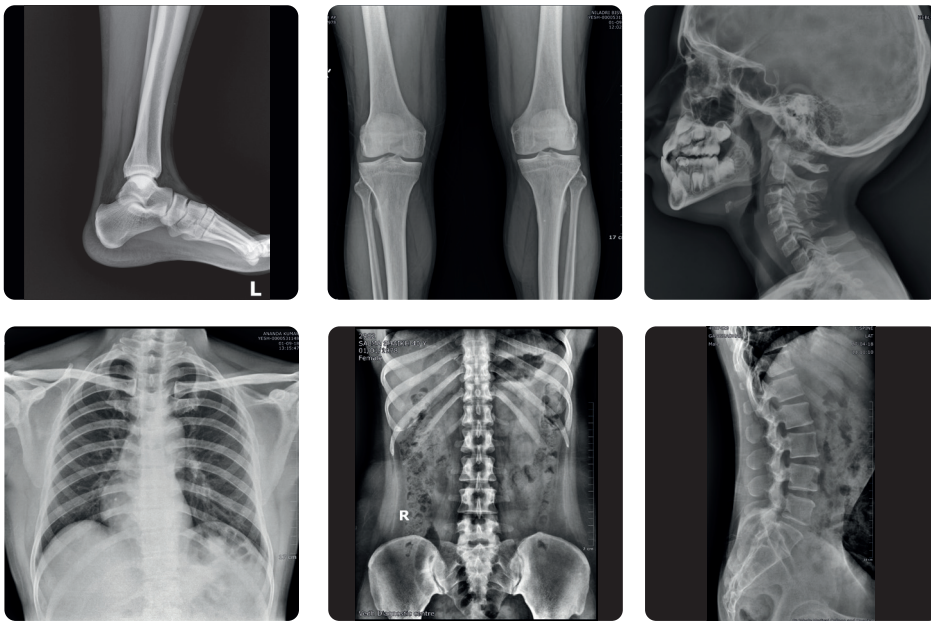
- ✓ Increased Diagnostic Accuracy
- ✓ Increased Image Quality Consistency
- ✓ Increased Visibility for anatomical details

TRU16 bitside Dynamic Range with full 16-bit ADC conversion

Full display of TRU16 bit expression, providing high contrast detailed images for ultimate diagnostic confidence.



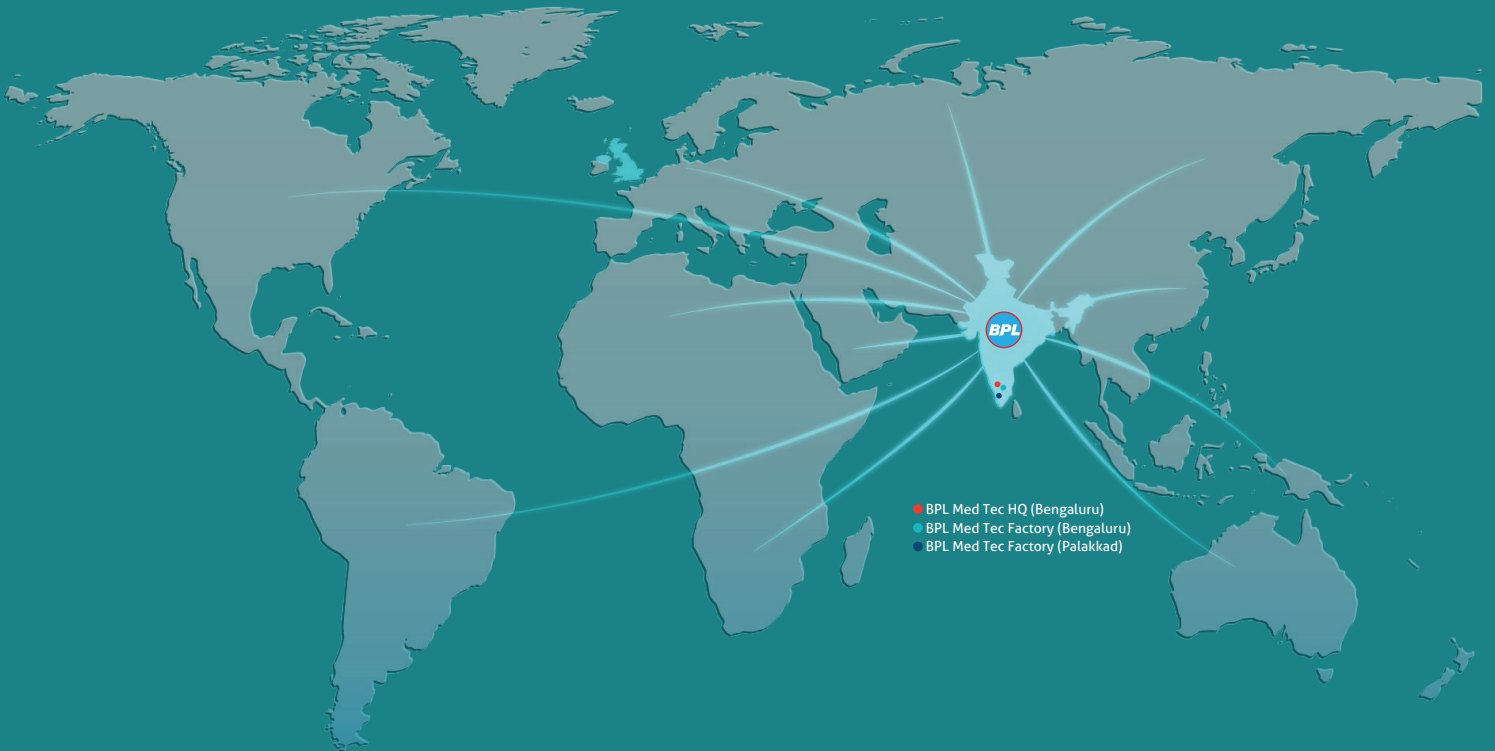
Clinical Images



BPL MRAD[®] 5.0 DR Specifications

Generator Output	5 KW
Type	110 kHz
mA Range	Upto 100mA
mAs Range	Upto 250mAs
KVP RANGE	40-110 KVP in Step of 1KVP/Step
Digital Display	16" Full HD LED IPS Display (1920x1080Pixel Matrix)
X-Ray Tube Type	Stationary Anode
Focal Spot	1.8 mm
Collimator	Manually operated with light beam diaphragm
Control Panel	Console for kv, mA & mAs selection
Stand	Mobile stand with Dual Articulated Arm
Hand Switch	Dual Action
Power Supply	230 VAC ±10%, 50Hz
Detector Specifications	<p>Detector Type : FOCUS CsI</p> <p>Weight : 2.98kg</p> <p>Active Area : 358 x 430 mm</p> <p>Pixel pitch : 140 μ</p> <p>Resolution : 2,560 X 3,072 Pixels</p> <p>X-Ray I/F : Lossless AED</p>

A Global Medical Technology Company



- BPL Med Tec HQ (Bengaluru)
- BPL Med Tec Factory (Bengaluru)
- BPL Med Tec Factory (Palakkad)

BPL MRAD 5.0 DR, Service is Powered by



Service Helpline

1800-425-2355

9AM - 8PM (Monday - Saturday)

ISO 13485:2016 CERTIFIED COMPANY
ISO 9001:2015 CERTIFIED COMPANY

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