



MEDICINE • TECHNOLOGY • LEADERSHIP

Accuracy To The Pixel

en.mtl.ru

MEDICAL TECHNOLOGIES Ltd

Developer and manufacturer of innovative, high-tech medical X-ray diagnostic systems.

Today, MTL is a well regarded market leader, who has earned respect of customers, partners, suppliers and fellow competitors alike.



History

- Founded in 1997
- First Russian manufacturer of automatic X-ray film processor
- Expanded product line to mammography products shortly thereafter
- Quickly became recognized as reliable Russian medical equipment supplier



Products

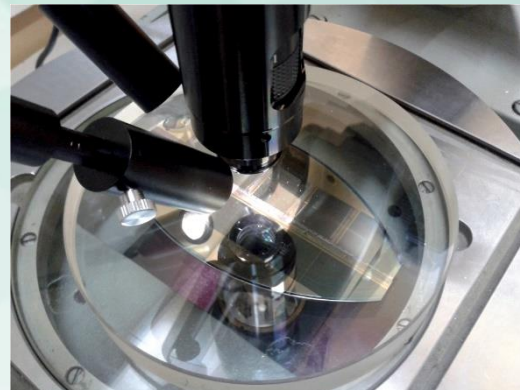
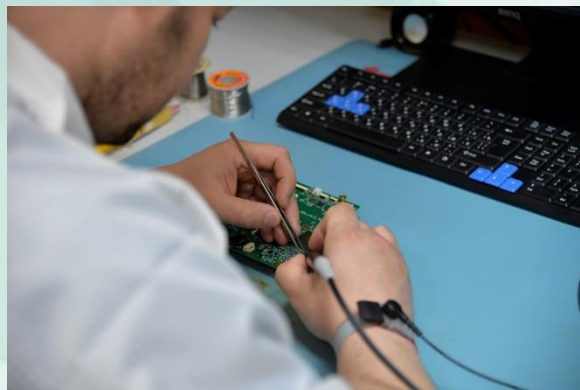
MTL equipment can be found in one of every three Russian healthcare facilities



- Mammography systems
- Radiology equipment
- X-ray diagnostic devices for pediatrics
- Imaging and medical informatics software
- X-ray flat panel detectors

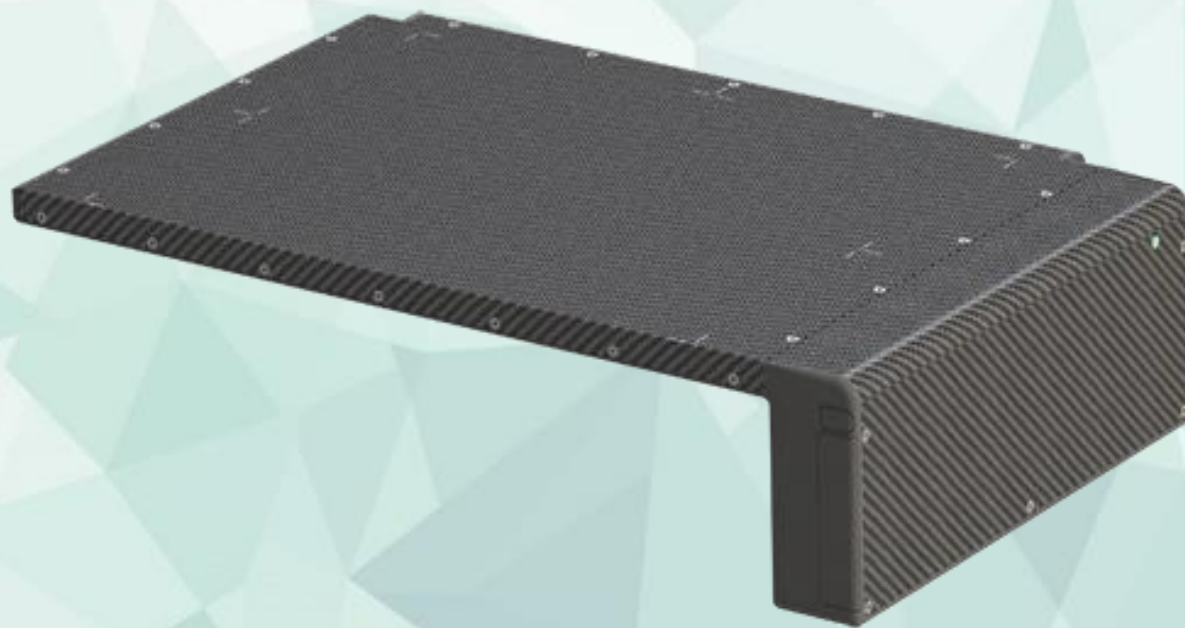
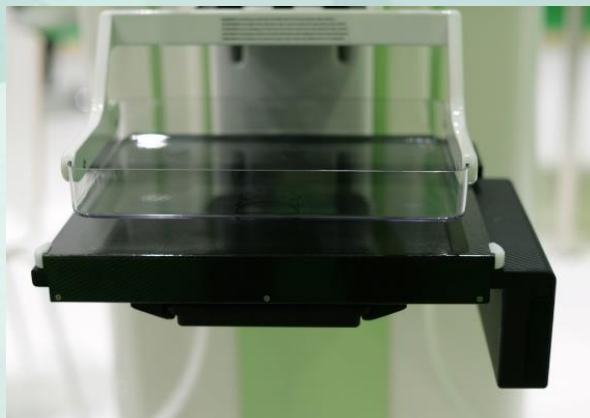
SOLO™ DM

- 24x30 Digital Flat Panel Mammography Detector
- CMOS based imager
- Pixel size: 49.5μm
- Scintillator: CsI (direct deposition)
- Tomosynthesis capability
- Proprietary wide dynamic range enhancement algorithm
- Operating temperature range: +10°C to +40°C



SOLO™ DMR

- Digital Mammography Retrofit
- World's first wireless mammography retrofit solution
- Extend the life for analog mammography systems
- Pixel size: 49.5 μ m
- Scintillator: CsI (direct deposition)
- Superior technical performance
- User-friendly



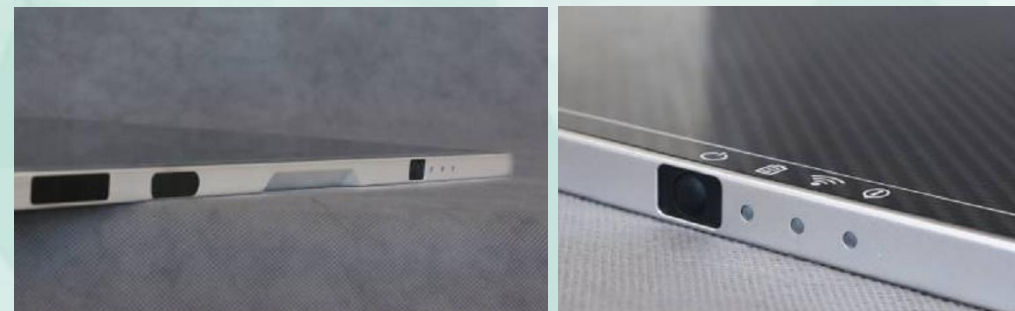
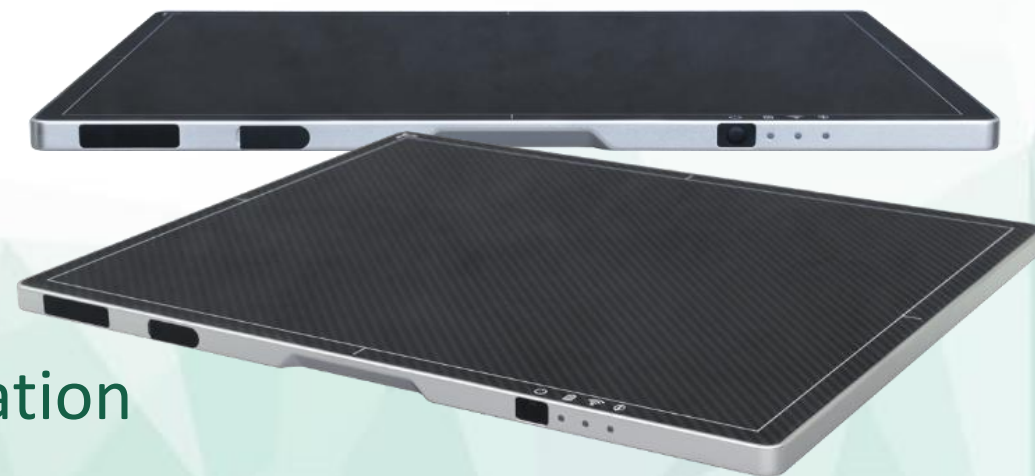
SOLO™ DR 4343F

- Flat Panel Digital X-Ray Detector
- a-Si TFT based imager
- Pixel size: 140μm
- Scintillator: CsI or GOS
- High image quality
- High sensitivity helps manage low dose
- Perfect for imaging large areas of interest
- Proprietary image enhancement through hardware and firmware features
- Fast processing for dual energy examinations



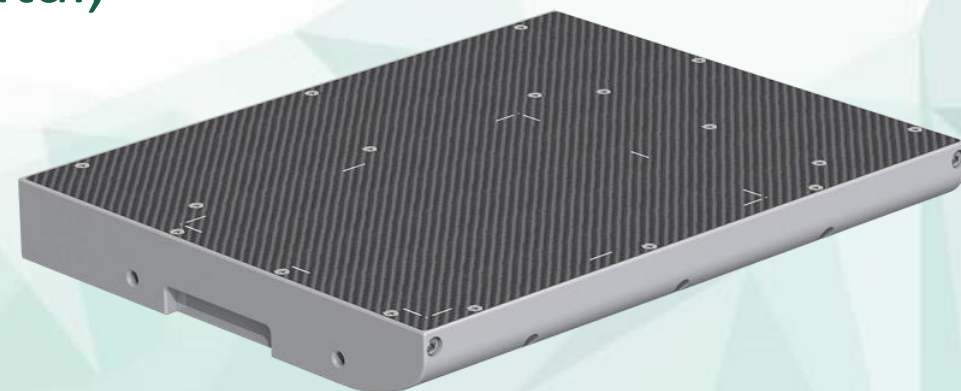
SOLO™ DR 3543W

- Digital Wireless X-Ray Detector
- a-Si TFT based imager
- Pixel size: 140μm
- Scintillator: CsI or GOS
- Easy to use with MTL Acquisition Workstation
- Cassette size for retrofit possibilities
- Light weight
- Ergonomic design for easy handling



SOLO™ SX

- Specimen And Biomedical Imaging X-Ray Detector
- Potential applications include Panoramic Dental, C-Arm Fluoroscopy and Veterinary
- CMOS based imager
- Dynamic capable
- Custom designs available



DIARM™ MW

- Mobile DR Suitcase System
- Acquisition and Doctor Review Workstation in one
- Imaging solution for immediate examination under rough field conditions
- Perform quick, precise and effective diagnosis
- Easy to transport
- Waterproof, shock resistant case
- Removable industrial laptop



DIARMTM DM

- Mammography Doctor Reading Workstation Software
- Set of tools specific to mammography image review
- Easy to use one button workflow
- Pixel View Mode provides a capability to review all physical pixels of an image
- Multi-modality capability
- Tomosynthesis image review (optional)
- Structured breast imaging reporting





MEDICAL TECHNOLOGIES Ltd
31, Ibragimova Street, Moscow
105318, Russian Federation
Tel.: +7 495 663 95 01
E-mail: isales@mtl.ru
en.mtl.ru