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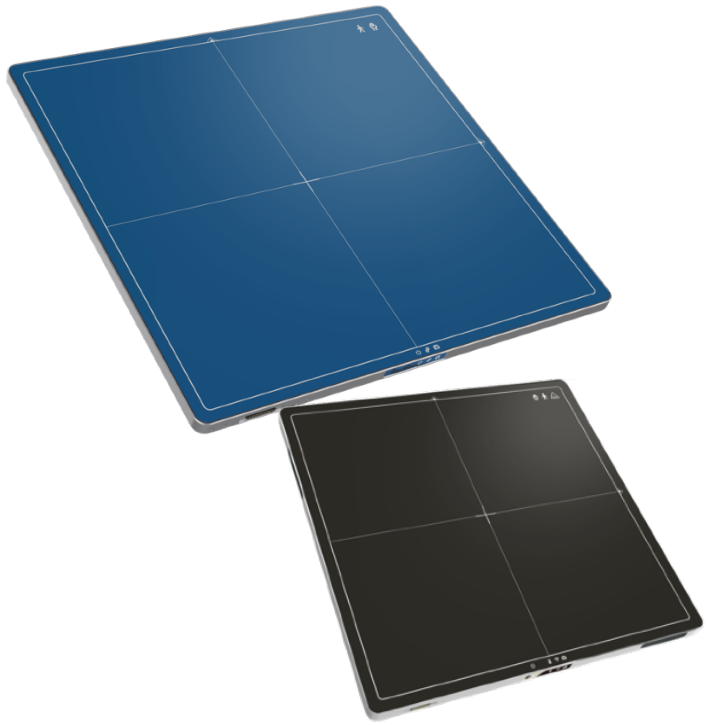
WIRELESS & TETHERED DR DETECTORS

MasterX™ 800 Series

CsI Flat-Panel Detectors

Powered by Voyance®

Lightweight wireless and tethered CsI detectors in 14" x 17" and 17" x 17" sizes, with Voyance® acquisition software from MedicaTech USA.



- **Wireless & Tethered Options**
- **14" x 17" and 17" x 17" Sizes**
- **IPX6-Rated for Easy Cleaning**

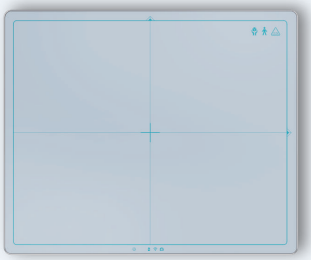
Four Detectors. One Software Platform.

MasterX 801C • 802C Glassless • 803C • 804Ce Fixed

MasterX DR detectors are designed with lightweight housings, long battery life and image quality for everyday radiography. Pulse ISM helps you match the right detector to your room, generator and workflow.



Everyday Radiography



802C Glassless



Voyance® Software

Why MasterX 800 Series?

The MasterX 800 Series is MedicaTech USA's line of CsI flat-panel DR detectors, powered by Voyance® acquisition software. The series covers wireless and tethered use, standard and glassless panels, and 14" x 17" and 17" x 17" sizes, so you can fit the detector to the room instead of the other way around.



Features

- Self management and monitoring
- Complete diagnostic system
- Easy cleaning (IPX6-rated for water resistance)
- Automatic exposure detection (AED)
- 16-bit grayscale, 140 µm pixel size
- Battery autonomy of 8 hours* on wireless models

Built-In Sensors

Temperature and gravity sensors keep monitoring the panel, even when it is powered off, to confirm it is working properly and safe to use.

Durable Housing

Mg-Al alloy housing on wireless models, rated for a 70 cm drop and 300 kg face load / 120 kg point load.

Log Files and Data

Log files, sensor data and calibration data are available to support service and troubleshooting.

Powered by Voyance®

Every MasterX detector runs on Voyance®, the complete software suite to acquire, view and share DICOM images, with a modern interface built around the technologist.



*Manufacturer-stated battery autonomy; actual run time varies with use.

Choose Your MasterX Detector

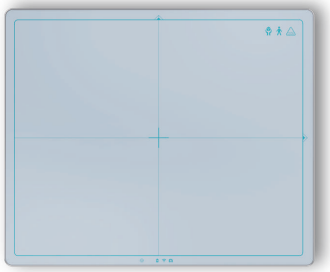
All four panels use CsI, a 140 µm pixel size and Voyance® software. Choose by size, connection and housing.



MasterX 801C

14" x 17" Wireless & Tethered

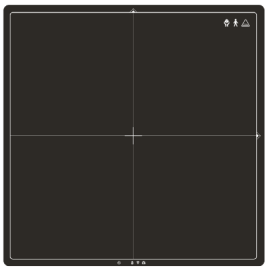
- 383 x 460 x 15 mm
- 2,500 x 3,052 resolution
- 2.7 kg, Mg-Al alloy
- Wi-Fi 802.11ac, IPX6



MasterX 802C

Glassless 14" x 17" Wireless & Tethered

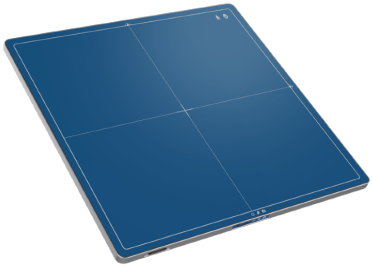
- 383 x 460 x 15 mm
- 2,500 x 3,063 resolution
- 2.5 kg, Mg-Al alloy
- Wi-Fi 802.11ac, IPX6



MasterX 803C

17" x 17" Wireless & Tethered

- 460 x 460 x 15 mm
- 3,052 x 3,052 resolution
- 3.2 kg, Mg-Al alloy
- Wi-Fi 802.11ac, IPX6



MasterX 804Ce

17" x 17" Fixed, Ethernet-Tethered Only

- 460 x 460 x 15 mm
- 3,072 x 3,072 resolution
- 3.4 kg, aluminum alloy
- AED or software sync

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SPECIFICATIONS

MasterX 800 Series Specifications

	801C	802C	803C	804Ce
Type	Wireless & tethered	Glassless, wireless & tethered	Wireless & tethered	Ethernet-tethered only
Size	14" x 17"	14" x 17"	17" x 17"	17" x 17"
Dimensions (ISO 4090)	383 x 460 x 15 mm	383 x 460 x 15 mm	460 x 460 x 15 mm	460 x 460 x 15 mm
Sensor array	a-Si photodiode	a-Si photodiode	a-Si photodiode	a-Si photodiode
Scintillator	CsI	CsI	CsI	CsI
Resolution	2,500 x 3,052	2,500 x 3,063	3,052 x 3,052	3,072 x 3,072
Pixel size	140 µm	140 µm	140 µm	140 µm
Grayscale	16 bit	16 bit	16 bit	16 bit
Wi-Fi	802.11ac, 2 antennas, AP mode	802.11ac, 2 antennas, AP mode	802.11ac, 2 antennas, AP mode	—
Housing	Mg-Al alloy	Mg-Al alloy	Mg-Al alloy	Aluminum alloy
Weight	2.7 kg	2.5 kg	3.2 kg	3.4 kg
Waterproof	IPX6	IPX6	IPX6	—
Drop height	70 cm	70 cm	70 cm	—
Face / point load	300 / 120 kg	300 / 120 kg	300 / 120 kg	—
Battery autonomy	8 hours*	8 hours*	8 hours*	— (tethered)
Trigger mode	AED	AED	AED	AED / software sync
Calibration data	—	—	—	10 stored sets
Operating temp. / humidity	10–35 °C / 15–80%	10–35 °C / 15–80%	10–35 °C / 15–80%	10–35 °C / 15–80%

All models: log file, sensor data and calibration data available. Wireless models include a battery and magnetic connector cable with Ethernet and power; the 804Ce includes a magnetic connector cable with Ethernet and power. *Manufacturer-stated battery autonomy; actual run time varies with use. Specifications are from MedicaTech USA and may change; Pulse ISM confirms the configuration on your quote.

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POWERED BY VOYANCE®

Voyance® Acquisition Software

One Software Suite to Acquire, View and Share.

Voyance® is a complete software suite from MedicaTech USA that delivers a secure way to acquire, view and share DICOM images. Its modern design and attention to the user experience make it easy for every technologist to learn and use.

Workflow

- Optimum workflow designed for efficiency
- ClairVoyance® image processing algorithm
- Auto stitching and auto cropping
- Side-by-side comparisons

Ease of Use

- Instant installation and auto-configuration
- Modern, user-friendly interface
- Interface consistency across acquisition and viewing platforms
- Reject analysis

Integration

- Fully DICOM 3.0 compatible: MWL, MPPS and all DICOM operations
- Supports a wide range of detectors and generators
- X-ray generator integration (CPI and DRGEM)



See MasterX and Voyance® in Action

Schedule a live demo or request a quote. We will walk through your rooms, generators and exam mix before we recommend a detector.



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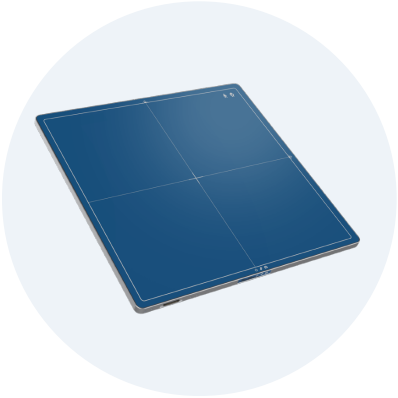
YOUR IMAGING PARTNER

Why Pulse ISM?

The Right Equipment Starts With the Right Questions.

Pulse ISM helps facilities choose DR detectors based on the rooms they have, the exams they perform and the way their team works.

Before we recommend a detector, we consider your existing X-ray equipment, exam mix, workflow and budget. Then we help you determine the right setup and options for your team.



More Than Equipment. A Partner in Your Imaging Program.

- **Consultative Equipment Selection** – We match the configuration to your departments and workflow.
- **Clear, Itemized Recommendations** – Core equipment and optional additions are clearly separated.
- **Delivery, Installation & Training** – Coordinated with the manufacturer or its authorized partners.
- **Certified Supplier** – Pulse ISM is nationally certified as a WBE, WOSB, and EDWOSB.

MasterX 801C • 802C Glassless • 803C • 804Ce • Voyance®

Ready to Plan Your DR Upgrade?

Tell us about your rooms, exam volume and goals. We will help you determine the right detector, from quote through delivery, installation and training.

Contact Us About The MasterX 800 Series Today

Ph: 913-662-1405

info@pulseism.com – www.pulseism.com

518 Shawnee St., Suite B – Leavenworth, KS 66048

WBE | WOSB | EDWOSB | Small Business

CAGE: 9UKZ9 | NAICS: 423450

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