



**AGFA**  
**RADIOLOGY**  
SOLUTIONS

**Dura-line™**  
**Digital Detectors**  
Versatile range  
of flat panel detectors

# Elevate your radiography with the Dura-line™ detector family

Advance your imaging, with cutting-edge, wireless Dura-line™ digital radiography (DR) detectors. Combining powerful performance with affordability, they offer the perfect blend of image quality, durability and seamless operation.



Powered by advanced Cesium Iodide (CsI) technology, Dura-line™ detectors deliver superb image quality with the potential for dose reduction.<sup>1</sup> With an impressive battery life and NFC technology that allows detectors to be shared across multiple X-ray systems, you get a streamlined workflow and enhanced efficiency—without compromising on performance.

The Dura-line™ family includes the XF+, XD+ and XD series, enabling you to select the ideal detector tailored to your facility's specific needs for:

- Image quality and resolution
- Applications
- Durability
- Workflow and ergonomics
- Sharing between multiple X-ray systems

## The Dura-line™ family:

- > XF+ series provides the highest resolution, greatest durability and lowest weight in the Dura-line™ family.
- > XD+ series enables balance between high image quality and affordability.
- > XD series delivers affordability with uncompromising image quality.

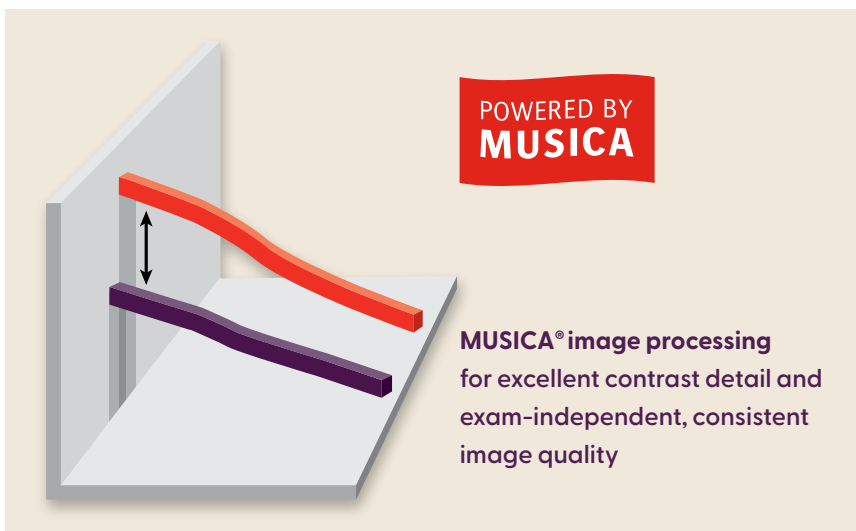
Each series is available in three IEC standard sizes: 10x12", 14x17" and 17x17".

## More image details, less dose

All Dura-line™ detectors utilize Cesium Iodide (CsI) technology, renowned for its ability to reduce radiation dose by 50-60%<sup>1</sup> while preserving exceptional image quality. Paired with the intelligent MUSICA® image processing software, Dura-line™ detectors consistently deliver high-quality images with lower radiology doses. Contrast

amplification further sharpens details, producing clearer, more precise images.

The XF+ and XD+ series further enhance performance with a high Detective Quantum Efficiency (DQE), making them ideal for applications where dose reduction is critical, such as pediatrics and neonatology.



<sup>1</sup> Testing with board-certified radiologists has determined that Cesium Iodide (DR) Detectors, when used with MUSICA image processing, can provide dose reductions of 50 to 60%, compared to traditional Barium Fluoro Bromide CR systems. Contact Agfa for more details.



## Durability you can trust

Dura-line™ detectors are built to withstand the toughest conditions, giving you peace of mind.

The glass-free XF+ detectors have an impressive drop height resistance of 1.5 meters, while the XD+ and XD series have a reliable drop height resistance of 1 meter. Combined with a IP67 water and dust ingress

protection rating, you can work confidently and quickly without worrying about incidental damage, whichever Dura-line™ series you choose. And they keep working even outside typical room temperature: operating reliably from 0°C to 40°C, they are **ideal for outdoor and emergency applications.**

## XF+ is suitable for all general radiography applications, plus:

- > Advanced applications such as tomosynthesis
- > Applications that require low dose and high resolution, such as neonatal, pediatrics and extremities

## XD+ is suitable for all general radiography applications, plus:

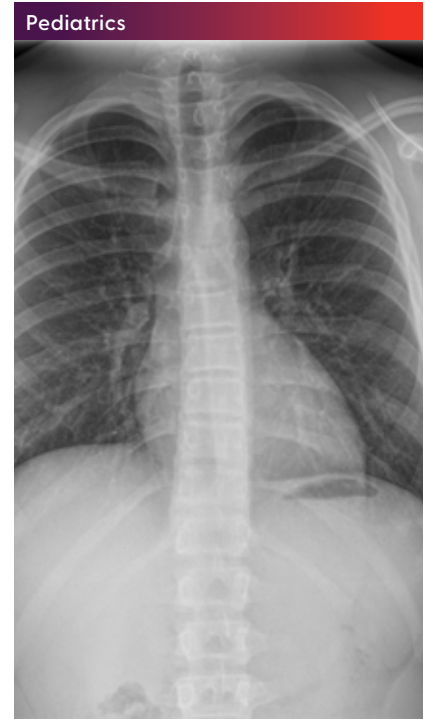
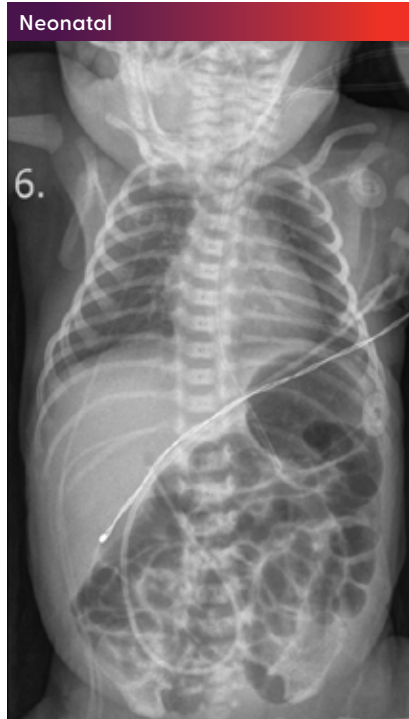
- > Applications that require low dose:  
e.g., neonatal, pediatrics

## XD is suitable for all general radiography applications.

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## The right choice for the right application

The Dura-line™ family offers the perfect detector for a broad range of applications, from general radiography to specialized procedures such as neonatal and advanced procedures.







## Sharing between multiple X-ray modalities

Dura-line™ detectors are designed to be **easily shared** with multiple MUSICA® workstations, meaning they can work with multiple X-ray systems. Just the scan of a card or press of a button enables you to improve workflow and efficiency. You can buy a single Dura-line™ detector to be used for various X-ray systems, or purchase several Dura-line™ detectors that can also back up each other, **reducing the risk of downtime**.

## Optimized workflow and ergonomics

Dura-line™ detectors are built for efficiency and ease of use. The **lightweight and ergonomic design**, including convenient indented grips, makes them easier to handle in clinical environments.

You can achieve up to 15 hours of **battery autonomy** (16 on stand-by) with two batteries on board, ensuring an uninterrupted workflow.

And **multiple charging options** add to the excellent flexibility:

- **USB:** available with all modalities
- **Cradle:** available with all modalities
- **Permanently mounted charger,** using magnetic connection cable: available with our premium modalities including DR 100s, DR 400, DR 600.
- Alternatively, **fixed powering** for all our modalities can be built into the table and wall stand, in combination with XD+ and XD detectors.



**Powered by SmartXR™:**  
AI assistant offers you predictive workflow assistance for improved productivity and consistent outcomes

### XF+

- > Very easily share your XF+ detector with different X-ray modalities by scanning the Near Field Communication (NFC) card, or by pressing the 'AP' button on the detector.



### XD+

- > Easily share your XD+ detector with different X-ray modalities by pressing the 'AP' button on the detector.

### XD

- > Easily share your XD detector with different X-ray modalities by pressing the 'AP' button on the detector.

Which is the right Dura-line for you?



		XF+	XD+	XD
<b>Durability</b>	TFT substrate	Glass-free (film-based)	Glass-based	Glass-based
	Drop height	1.5 m	1m	1m
	Ingression protection: dust and liquid	IP67	IP67	IP67
	Operating temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C
<b>Image Quality MUSICA® inside</b>	Resolution of 14x17" and 17x17"	99µ	140µ	140µ
	Resolution of 10x12"	99µ	124µ	124µ
	Image quality	High DQE	High DQE	Standard DQE
<b>Ergonomics &amp; Workflow SmartXR™ inside</b>	Weight of 14x17"	2.2 kg	2.9 kg	2.75 kg
	Portability	Ergonomic grips	Ergonomic grips	Ergonomic grips
	Battery autonomy	15 hours operation time 16 hours stand-by	15 hours operation time 16 hours stand-by	15 hours operation time 16 hours stand-by
		Easy exchange batteries	-	-
	Charging options	Hot swap	-	-
		Cradle	Cradle	Cradle
		Cable with magnetic connector in premium solutions and retrofit	Cable with magnetic connector in premium solutions and retrofit	Cable with magnetic connector in premium solutions and retrofit
		USB	USB	USB
Easy sharing	NFC card, AP button	AP button	AP button	



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