



AGFA
RADIOLOGY
SOLUTIONS

DRYSTAR family

Technologically enhanced consistently sharp images...

Hardcopy solutions from Agfa Radiology Solutions

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Hardcopy solution for every need

Whether you need centralized, high-end printing for a large radiology department or a decentralized printing capability for next-to applications or within mobile units, Agfa has the perfect hardcopy solution.

These solutions – among the fastest on the market from print order to first film print – are made possible through the creation and development of our ecologically friendly, award winning Direct Digital Imaging technology.

This single step process represents the standard in hardcopy imaging and is the technology on which all our DRYSTAR imagers are based.

When you combine this technological excellence with the built-in network connectivity offered by the DICOM compliance of our imagers and specialized media for all environments, you'll understand why hardcopy solutions from Agfa are the first choice for healthcare professionals.

Consistently sharp images with A#Sharp-enhanced DDI technology

Each DRYSTAR imager comes with Agfa's Direct Digital Imaging (DDI) technology enhanced with A#Sharp for consistently sharp images and benefits from:

- > Simple mechanism that makes it compact and highly reliable
- > Solid state imaging that ensures long life and controlled, consistent image quality
- > Total daylight film handling for ease of use
- > High throughput and the shortest image access time for the most efficient workflow
- > Full flexibility of all media trays
- > DICOM
- > Excellent price/performance ratio

The choice is yours

Whether you need centralized, high-end printing for a large radiology department or a decentralized printing capability for next-to applications or within mobile units, Agfa has the perfect hardcopy solution.

DRYSTAR 5301 for close to modality printing

- > Large media size table-top imager solution ideal for limited spaces and close to modality printing.
- > Ideal for day to day CT/MR applications
- > Low investment and running cost make it possible to equip every department with its own imaging solution.



DRYSTAR 5302 for decentralized printing

- > Table-top dual media size imager designed for decentralized CR/DR printing.
- > Small footprint makes convenient next-to-application installation possible in even the most space-restricted environments.
- > Features two media sizes on-line, with five media sizes available.
- > Low investment and running costs make it the perfect match for many modalities.

DRYSTAR AXYS optimized for digital mammography

- > A high resolution, high throughput, dual media size, dry hardcopy imager optimized for digital mammography.
- > Integrated A#Sharp technology intensifies imaging capability and provides sharper image quality.
- > Small footprint and two on-line media trays that can handle a variety of media in many different sizes ensure it will fit into any type of facility, supporting a broad range of applications.
- > Ultra-short access time and efficient throughput means first prints are available in an instant.

DRYSTAR 5503 for high throughput centralized printing

- > A high-throughput, high-resolution, triple media size imager that can be easily networked for maximum productivity.
- > Ideal for centralized workflow.
- > Mammography printing capabilities, available through special license.
- > Multi-format architecture suits all applications – from CT/MR and CR/DR, all the way to digital angiography, PET, ultrasound or digital subtraction fluoroscopy.
- > Capable of handling a diversity of printing tasks from different sources with speed and reliability, enhancing workflow across departments.



Multiple media choices for total flexibility

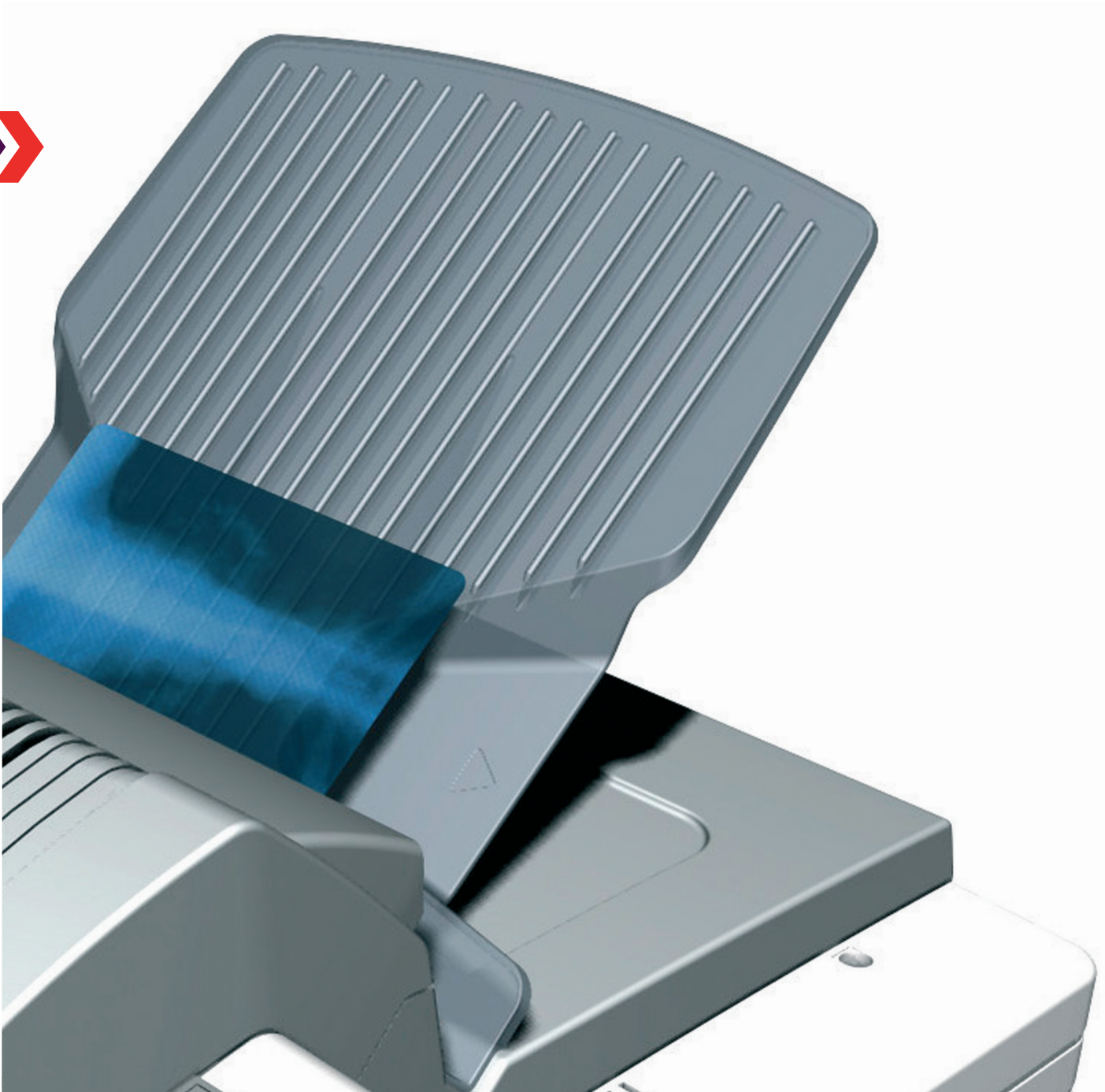
Each of our DRYSTAR imager input trays can handle different media sizes, providing the flexibility you both want and need. And with heat-sensitive instead of light-sensitive media, the imagers offer complete daylight film handling, allowing you to open trays, load media, etc., as required.

And no matter which DRYSTAR hardcopy imager you choose, or how you choose to use it, there is a DRYSTAR media that will deliver the results you want.

For the DRYSTAR 5301, 5302, AXYS and 5503, we provide the Agfa dry film Direct Digital grayscale media; and for the mammography option of the DRYSTAR 5503 and AXYS there is the Agfa dry Mammo film.

Whatever your imager and its application, you'll ensure you maximize the benefits of a DRYSTAR imager when you use our family of media developed specifically to complement the DRYSTAR family.

Technical specifications



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DRYSTAR 5301

DRYSTAR 5302

DRYSTAR AXYS

DRYSTAR 5503

Applications

CT/MR

CR/DR

CR/DR
CT/MR
Mammography

CR/DR
CT/MR
Mammography

Printing Resolution

Geometrical: 320 ppi
Pixel depth architecture:
14 bit

Geometrical: 320 ppi
Pixel depth architecture:
14 bit

Geometrical: 508 dpi
Pixel depth architecture:
14 bit

Geometrical: 508 dpi
Pixel depth architecture:
14 bit

Productivity

Throughput:
8 x 10": 130 sheets/h
11 x 14": 86 sheets/h
14 x 17": 75 sheets/h
First film:
14 x 17": 77 sec

Throughput:
8 x 10": 140 sheets/h
14 x 17": 75 sheets/h
First film:
14 x 17": 77 sec

Throughput:
8 x 10": 130 sheets/h
14 x 17": 75 sheets/h
First film:
14 x 17": 65 sec

Throughput:
8 x 10": 160 sheets/h
14 x 17": 100 sheets/h
First film:
14 x 17": 76 sec

**Number of
Trays**

One on-line size

Two on-line sizes

Two on-line sizes

Three on-line sizes

Sorter

No

No

No

Yes

**Media Types
and Sizes**

Types: Agfa dry film:
Blue base / Clear base
Sizes: Agfa dry film:
8 x 10", 10 x 12", 11 x 14",
14 x 14" and 14 x 17"

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Types: Agfa dry film:
Blue base / Clear base
Agfa dry Mammo film
Sizes: Agfa dry film:
8 x 10", 10 x 12", 11 x 14",
14 x 14" and 14 x 17"
Agfa dry Mammo film:
8 x 10", 10 x 12", 11 x 14"

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