FUJIFILM

Dry Imager

DRYPIX Smart NEW

FUJI MEDICAL DRY LASER IMAGER

DRYPIX Smart

Model: DRYPIX 6000

Highly efficient dry imager quickly offering excellent quality images for wider purposes

2 Trays

80 sheets/hr.

508dpi Mammo

ECO-DRY SYSTEM

Outstanding performance, remarkable effciency and superb quality satisfy your medical imaging needs

Image Intelligence™

The most advanced DRYPIX has arrived, assisting smooth diagnoses

DRYPIX Smart, backed by Fujifilm's extensive experience in dry imaging, always delivers superior quality images to satisfy various needs of multi-department hospitals.
Despite its compact size, enabling use anywhere in a medical facility, throughput is extremely high with no compromise on image quality.

Compact and highly efficient

High throughput

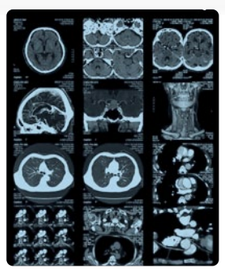
DRYPIX Smart boasts a world-class high throughput speed of 80 sheets per hour with 14″ × 17″ film. It will help reduce the patient's waiting time and greatly increase the efficiency of examination workflow.

Two trays to achieve more versatility

The DRYPIX Smart accommodates multiple film sizes. It is equipped with two universal film trays which enable printing on two different film sizes at the same time.

Fuji Medical Dry Imaging Film

The high quality DI-HL and DI-ML films contribute to producing clear images on the DRYPIX Smart. These films have a neutral color tone that produce images comparable to those made by wet proccessing.



35 × 43 (14″ × 17″)

35 × 43 (14″ × 17″)

26 × 36

ECO-DRY SYSTEM

DRYPIX's ECO-DRY system is environmentally friendly, films to processing. DRYPIX medical films employ unique aqueous solvents that are free from unpleasant odors and create neutral colored image so crisp, they're indistinguishable from those printed on wet halide film. Additional ECO-DRY advantages include our development of new liquid-coating technology, which obviates the need for harmful organic solvents in the thermal development of light-sensitive materials.

2 trays

Throughput
80 sheets/hr.

*with 14″ × 17″ film

Applicable for
mammography
(508 dpi)

High quality images for more versatility

High resolution and high maximum density

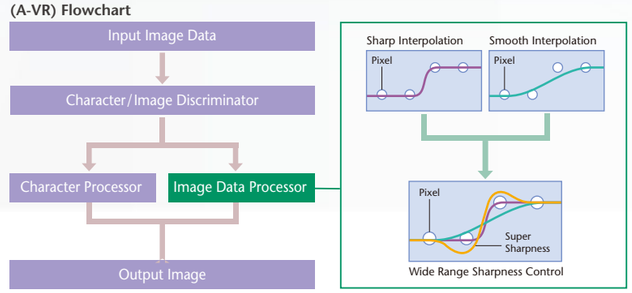
Offering high resolution of 508 dpi and a maximum density of 4.0*, the DRYPIX Smart is ideal for mammography which requires high definition images.

*When the DI-ML film is used.

Image processing engine which provides high-quality images

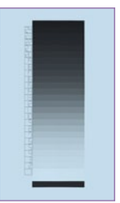
Advanced Variable Response (A-VR) Spline Interpolation Fujifilm's A-VR automatically detects and distinguishes between image data and alphanumeric characters, ensuring clear, sharp alphanumerics even when noisy images require smooth interpolation of image data. Benefits include easier, faster and more accurate diagnosis.

(A-VR) Flowchart



Quality Control

DRYPIX Smart prints a 24-step grayscale pattern to film, and then measures its density. This feedback system allows precise and subtle image adjustments (FDC: Auto Film Density Correction) to be made. Several kinds of test pattern images for the QC of mammograms are incorporated into DRYPIX Smart.



SAR (Smooth Curve Arranging)

Smooth Curve Arranging (SAR) on DRYPIX not only offersthe most suitable image tones for modalities such as CT and MRI, but also allows adjustment of the tones to best match the diagnostic needs of individual patients. What's more, LUT also carries information on a wide range of modalities from different manufacturers to enable precise matching of image tone to specific modality.

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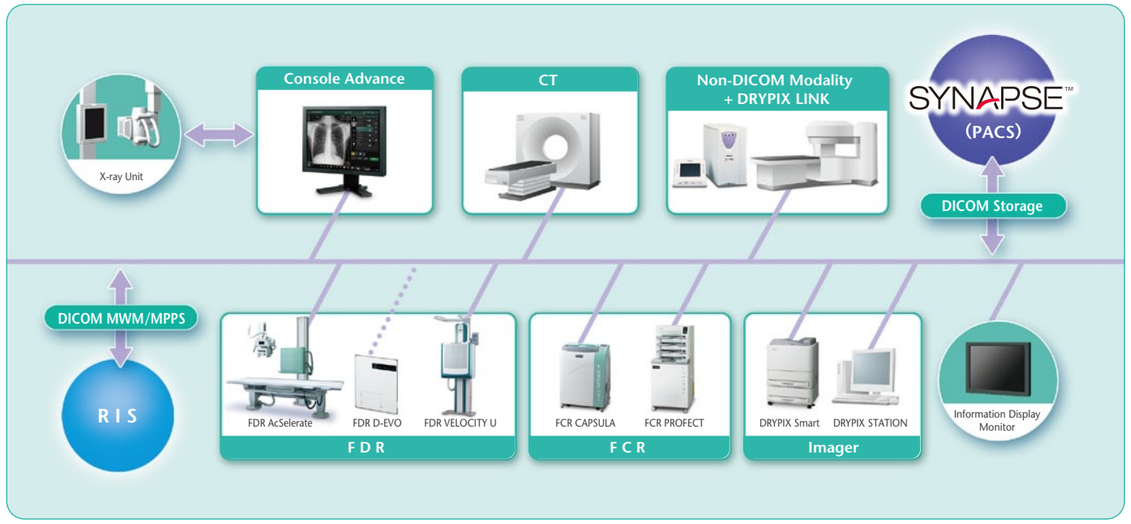
System Configuration

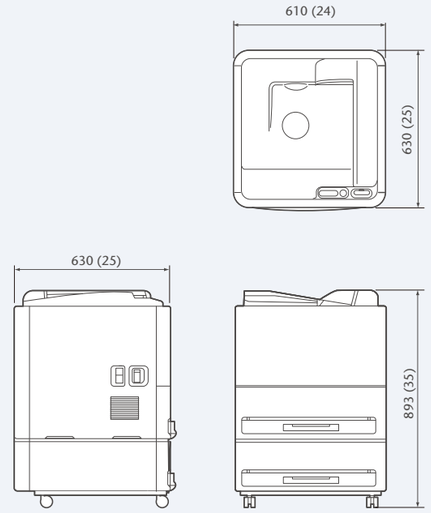


DRYPIX Smart Specifications

Standard Components	Fuji MEDICAL Dry Laser Imager DRYPIX Smart (Model: DRYPIX 6000)
Recording method	Laser exposure thermal development system
Applicable film	Fuji Medical Dry Imaging Film **DI-HL (blue base)** 35 × 43 cm (14″ × 17″) 35 × 35 cm (14″ × 14″) 26 × 36 cm (10″ × 14″) 25 × 30 cm (10″ × 12″) 20 × 25 cm (8″ × 10″) **DI-ML (blue base)** 26 × 36 cm (10″ × 14″) 25 × 30 cm (10″ × 12″) 20 × 25 cm (8″ × 10″)
Film loading	Daylight film loading
Film Tray	2 trays (5 sizes of film are available by changing film trays)
Processing capacity	Approx. 80 sheets/hour 35 × 43 cm (14″ × 17″)
Pixel size	50 µm (508 dpi)/100 µm (254 dpi)
Recording gradation	14 bits
Image memory	1GB
Dansity adjustment	Automatic
Input channels	DICOM network input ×1 channel only
Dimensions (W × D × H)	610 × 630 × 893 mm (24″× 25″× 35″)
Weight	104 kg (229.3 lbs.)
Power Supply Conditions	Input voltage AC100-240V/ Single phase Frequency 50-60Hz
Environmental Conditions	Operating Conditions: • Temperature: 15-30°C • Humidity: 40-70%RH (at 15°C) to 15-70%RH (at 30°C) (No dew condensation)

Dimensions

Unit:mm (in.)



CLASSIFIED C UL US
Medical Dry Imager
WITH RESPECT TO ELECTRIC SHOCK, FIRE AND MECHANICAL HAZARDS ONLY
IN ACCORDANCE WITH UL60601-1/CAN/CSA C22.2 NO.601.1
IEC 60601-1 53MK

CE EC REP European Authorized Representative:
FUJIFILM Europe GmbH
Heesenstrasse 31, 40549 Duesseldorf, Germany

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All brand names or trademarks are the property of their respective owners.
In some countries, regulatory approval may be required to import medical devices.
For the availability of these products, please contact your local sales representatives.

FUJIFILM

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http://www.fujifilm.com/products/medical/

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