

# FUJIFILM

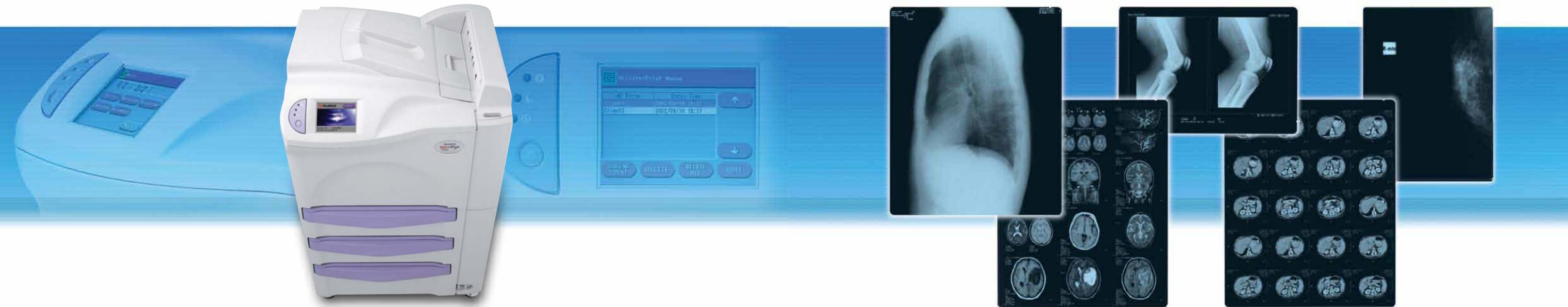
FUJI MEDICAL DRY LASER IMAGER

# DRYPIX

# 7000

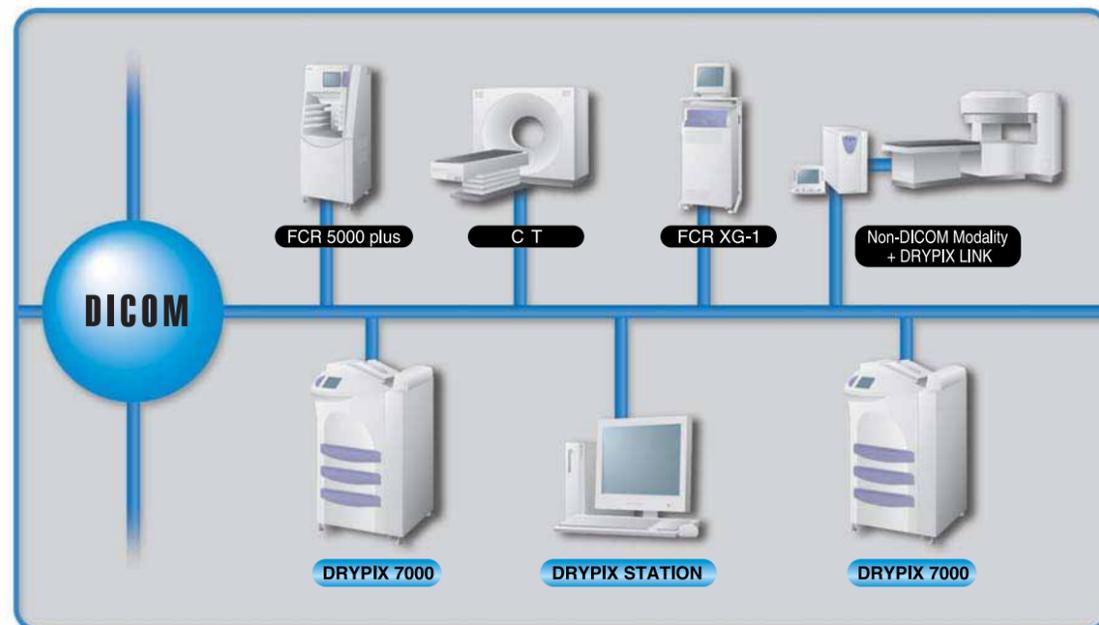
Outstanding performance, remarkable efficiency and superb quality fulfill all your medical imaging needs





## Series flagship boasts top-line performance, speed and quality— plus the bonus of “networkability”

The newest addition to the DRYPIX family of dry imagers rates flagship status with features like dynamic design strength, easy operation, high film throughput, backup security and unrivalled image quality. An integral part of our new DRYPIX Print Networking System, the DRYPIX 7000’s networking capabilities set new standards in convenience and versatility.



# DRYPIX 7000

### Established Quality

Fujifilm’s extensive experience in dry imaging allows consistent delivery of superior image quality with extremely high throughput. Advanced Variable Response (A-VR) spline interpolation is just one example of why DRYPIX 7000 stands out from other imagers.

### Accelerated Throughput

Able to meet the needs of the busiest radiology departments, DRYPIX 7000’s laser exposure thermal development system can handle up to 180 prints/hour (14 x 17”), with initial film output of just 65 seconds, and with absolutely no compromise on image quality.

### Vitaly Responsive

Robust design parameters teamed with dynamic technologies suit the DRYPIX 7000 to any professional location. Trademark Fujifilm quality control and system stability ensure consistently accurate detection and diagnosis.

### • Backup Security



Optionally available DRYPIX STATION assures system reliability in multi-unit environments by automatically detecting printer failure and rerouting images to an active printer.

### • Easy Operation



DRYPIX 7000’s newly developed touch-panel operation screen with icon-based interface simplifies operation and reduces operator error. All operations, from film loading to processing, can be carried out in daylight room conditions.

### • Networkable & Connectable

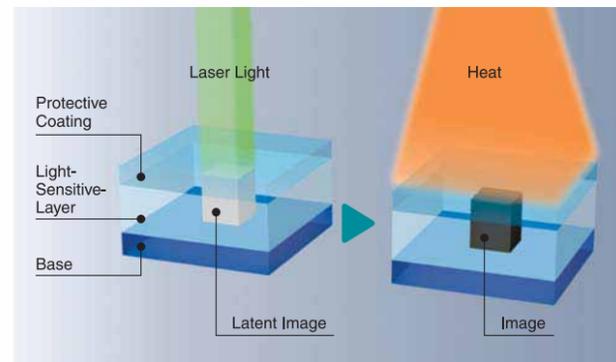
With a built-in high-speed DICOM print server, connection is fast and error-free, allowing direct intercommunication with any modality linked to the network.

### • Centralized Printing

DRYPIX 7000’s robust design and technologies enable it to function as the central imager of interlinked modalities, maximizing the overall efficiency of your network.

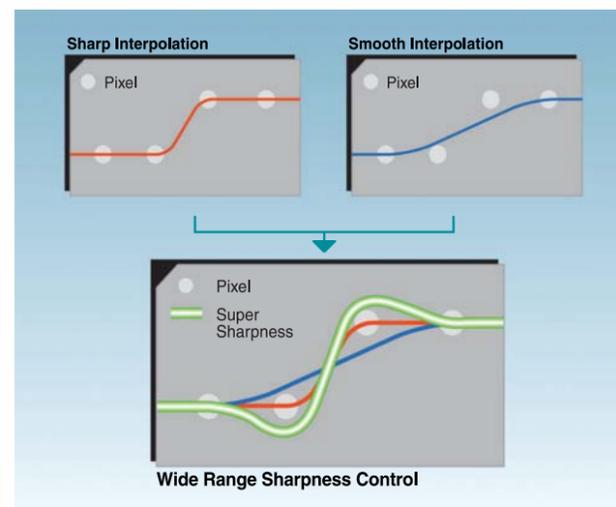
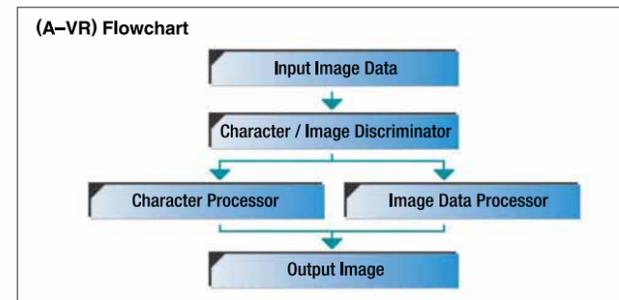
## ◀ Dry Laser Imaging System

DRYPIX 7000's dry laser imaging process utilizes interpolation to magnify or reduce medical diagnostic images read from modalities, generating film image outputs in a variety of formats. Exposing the film surface to a modulating laser in accordance with the inputted data produces ultra-precise images while significantly reducing throughput time. Cost efficiency benefits from no messy chemicals to handle or dispose of.



## ◀ Advanced Variable Response (A-VR) Spline Interpolation

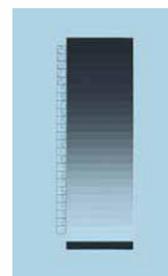
Fujifilm's A-VR automatically detects and distinguishes between image data and alphanumeric characters, ensuring clear, sharp alphanumeric even when noisy images require smooth interpolation of image data. Benefits include easier, faster, more accurate diagnosis.



## ◀ More Measures For Better Images

### Automatic self-calibration

DRYPIX prints a 24-step grayscale pattern to film, and then measures its density. This feedback system allows DRYPIX to accurately gauge density which in turn allows precise and subtle image adjustments. A barcode reader in the film drawer automatically initiates this Auto Film Density Correction (FDC) function when a new batch of film is loaded.



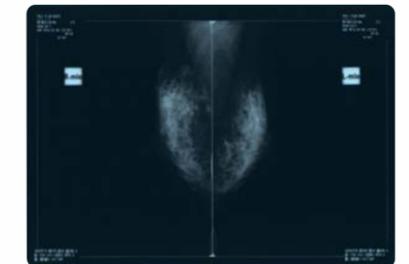
### Smooth Curve Arranging (SAR)

Smooth Curve Arranging (SAR) on DRYPIX not only offers the 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 modalities.

## ◀ DI-HL / DI-HLc



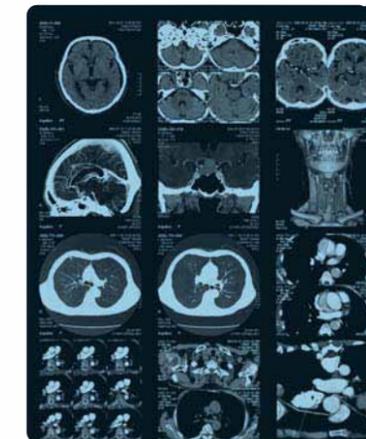
Contributing to DRYPIX 7000's consistently clear, low-minimum-density images are new DI-HL and DI-HLc films, whose neutral color tone produces images comparable to those from conventional wet processing. The new film is available in three sizes (14 x 17", 25.7 x 36.4cm or 8 x 10") in either blue or clear base.



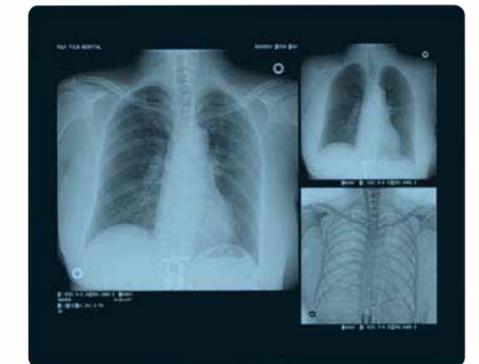
25.7 x 36.4cm (10" x 14")



35.4 x 43cm (14" x 17")



35.4 x 43cm (14" x 17")



35.4 x 43cm (14" x 17")

## ◀ SORTER & TRAYS

A total of three film trays can be used with DRYPIX 7000. 10-bin film sorter available for added efficiency. Each bin can hold up to 50 sheets of film, allowing patient-specific as well as modality-specific sorting.



## ◀ DRYPIX LINK

DRYPIX LINK connects to non-DICOM modalities, sending image data to DRYPIX 7000 through the DICOM network. Optional DRYPIX STATION enhances network capability by integrating worklist information with input image data.



## ◀ DRYPIX STATION

DRYPIX STATION has two capabilities: functioning in combination with DRYPIX LINK while connecting to the worklist; and auto-routing DICOM images for back-up and fail-safe purposes.

# Fuji Medical Dry Laser Imager DRYPIX 7000 Specifications

## Basic Specifications

Recording Method:	Laser exposure thermal development system
Applicable film:	Fuji Medical Dry Imaging Film DI-HL (blue base) / DI-HLc (clear base) 35.6 x 43.2 cm (14" x 17"), 25.7 x 36.4 cm (10 x 14") or 8" x 10" (20.3 x 25.4cm)
Film loading:	Daylight film loading
Film trays:	Up to 3 trays*
Processing capacity:	180 sheets/hour (14" x 17"), 240 sheets/hour (25.7 x 36.4cm), 200 sheets/hour (8" x 10")
Time required for first output:	Approx. 65 sec. (14" x 17" film size)
Gray Scale Resolution:	14 bits
Pixel size:	100/50 microns is selectable for all sizes.**
Input channels:	One network channel
Image memory:	Standard 256MB (512MB Optional)
Density adjustment:	Automatic density correction
Optional sorter bins:	10 bins

## Physical Characteristics

External dimensions (W x D x H):	735 x 680 x 1240mm (29" x 27" x 49")
Weight (with one tray):	203kg (448 lbs.)
Power supply:	AC 200-240 V Phase: single 50-60Hz 12A

## Operating Environment

Temperature:	15° - 30°C
Humidity:	40-70% (at 15°C) to 15-70% (at 30°C) (No dew condensation)

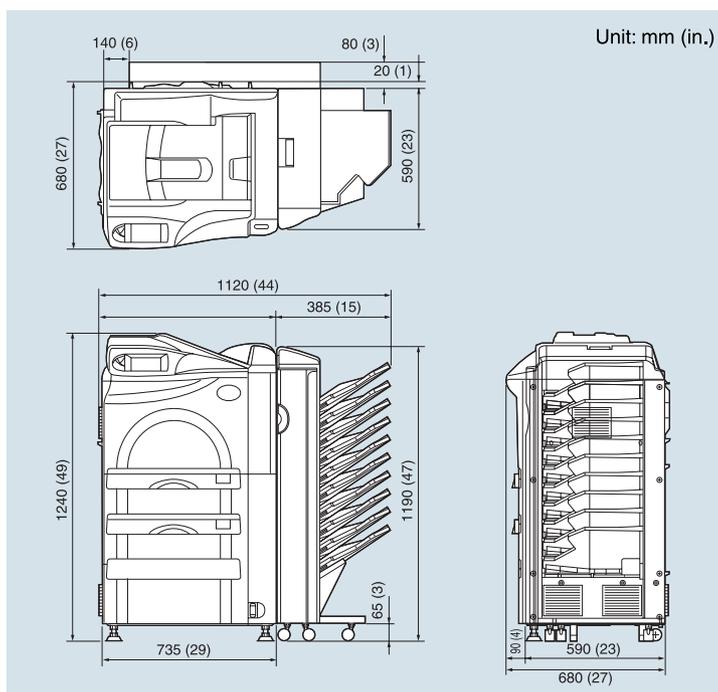
\* Configurable based on user requirements.

\*\* 50 micron for high resolution printing.

Note: Specifications are subject to change without notice.

Consult your local Fujifilm representative for details of models and types.

## Dimensions



"Image Intelligence" is a set of sophisticated digital image-processing software technologies that are incorporated in the DRYPIX 7000.

FCR for digital mammographic applications is pending FDA approval and is not commercially available in the U.S.



Medical Dry Laser Imager  
WITH RESPECT TO ELECTRIC SHOCK, FIRE  
AND MECHANICAL HAZARDS ONLY  
IN ACCORDANCE WITH UL2601/CAN/CSA C22.2 NO.6011  
E.C. 09091-1 529K



# FUJIFILM

FUJIFILM Corporation

26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN