PT. SURYA MEDIKA GUMILANG
HOSPITAL & MEDICAL EQUIPMENT SUPPLIER
Jl. Adityawarman No. 15
Kepanjen - Jombang

Jombang, 30 November 2021

Nomor : 417/SMG/JMB/XI/2021

Lampiran : -

Hal : **Penawaran Harga Pesawat Xray (PROMO AKHIR TAHUN)**

Kepada Yth:

RS Mata Undaan

Jl. Undaan Kulon No.19

SURABAYA

Dengan hormat,

Perkenankan kami dari **PT. Surya Medika Gumilang** selaku Distributor resmi dari **Ecotron dan FujiFilm** untuk mengajukan **Penawaran Harga Paket Pesawat Xray 500mA Ecotron dan FCR Prima T2 Fujifilm** dengan paket **PROMO (AKHIR TAHUN)** yaitu pembayaran cicilan panjang selama *12 bulan* untuk mensupport kebutuhan radiologi di RS Mata Undaan Surabaya. Adapun penawaran Harga yang kami sampaikan adalah sebagai berikut:

No	Nama Barang	Merk	QTY	HARGA (RP)
1	**Stationary X-Ray 500mA/125kV (Type : EXS 40R)** **Konfigurasi** - High frequency generator – 40kW - Canon tube E7239X – 140 kHU - 4 way floating table, 4 step foot switch control table - Opearting console system with APR - Wall bucky stand 1910 mm, Grid for bucky stand & bucky table, Transversal tube arm – 250 mm	**Ecotron**	1	**480.000.000,-**
2	**PSU 2 KVA (untuk listrik rendah)**	**Ecotron**	1	**108.000.000,-**
3	**FCR Pima T2** **Konfigurasi** - Reader Prima T2 - CR Console Prima (PC) - Dry Imager : Drypix Smart 2 Tray (Printer Dicom) - Imaging Plate+IP Cassatte 35x43, 35x35, dan 24x30 - Switch Hub, UPS 3Kva, LED Monitor 19'	**Fujifilm**	1	**276.000.000,-**

Kondisi Penawaran :

1. *Harga tersebut di atas **sudah termasuk pengiriman dan instalasi.***
2. *Pembayaran :*
   - ***CICILAN flat 12x (12 bulan).***
   - *Cicilan pertama dibayarkan setelah konfirmasi PO diterima.*
   - *Pembayaran dilakukan melalui transfer ke rekening Bank Jatim nomor 0011-2644-09 a/n Surya Medika Gumilang, PT.*
3. *Kami sebagai distributor memberikan jaminan berupa :*
   - *Memberikan After Sales Service*
   - *Memberikan Pelatihan Pengoperasian Alat (Bersertifikat)*
   - *Menyediakan Suku Cadang*
   - *Memberikan Garansi resmi selama **2 tahun**.*
4. *Selama masa cicilan RS Mata Undaan Surabaya **wajib membeli bahan baku film** di PT. Surya Medika Gumilang.*
5. *Uji Kesesuaian dan Perizinan BAPETEN akan dibantu oleh principle.*
6. *Penawaran berlaku sampai dengan **31 Desember 2021.***
7. *Barang **ready stock** di Surabaya (selama belum terjual).*

Demikian surat penawaran harga kami sampaikan. Kami menunggu kabar baik dari Bapak/Ibu. Atas perhatian dan kerjasamanya kami mengucapkan terima kasih.

Contact Person :

0812 – 2002 – 2343 (Yonatan)

0813 – 3173 – 8888 (Santoso)

Hormat Kami,

Yonatan Arief Wibowo, S.T., MBA.

Direktur Utama

EXS-SERIES

Innovation Radiography System
High Performance & Designed for Reliability

eco **TRON**
eco & electronics

↗ **EXS-40R (125kV/500mA) 40KW**

☉ Features

‣ The newly EXS-40R diagnostic X-ray system provides an analogue radiographic room that perfectly fits your workflow and budget, which can be easily upgraded to DR system with the help of DR interface and PC interface in the generator as Bucky suitable to Flat Panel Detector.

☉ Benefit

‣ Efficient for operator and patient comfort with the moving components.
‣ Enhanced reduction of the electromechanical lock noise.
‣ Experience the quality, durable and user-friendly operation for all applications with the EXS-40R X-ray system.

☉ Specification

1) Output Power
40kW

2) Input Power

Line Voltage	230V, 50/60Hz
Line Phase	1P (Single - Phase)

3) X-ray Tube

kVp Range	40~125kV
Focal Spot Size	1.0/2.0mm
Maximum mA Range	500mA
Target Angle	16°
Anode Heat Storage Capacity	140kHU
Anode Rotating Speed	2700rpm@50Hz
	3200rpm@60Hz
Target Construction	Rhenium-Tungsten
Permanent Filtration	0.9mm Al@75kV

4) X-ray Generator

Line Nominal, Phase	230V, 1P, 50/60Hz
Method	High Frequency Inverter
kV Range	40 ~ 125kV, 1kV Step
mA Range	10 ~ 500mA, 18 Steps
Timer Range	1m ~ 10s, 36 Steps
mAs Range	0.1 ~ 500mAs
Maximum Power Output	500mA@80kV
	400mA@100kV
	320mA@125kV
Rotor Supply	Low Speed Starter (LSS)
Anatomical Programs	Max. 2000 Programable
Technique Selection	4-Point & 2-Point Control
Image Receptors	2 Buckys + 1 Non-Buckys

5) Collimator

Method	Manual Adjustment
Max. X-ray Tube Voltage	150kVp
Max. X-ray Light Field	48X48cm@SID100cm
Lamp Timer	Push-Button/30s Timer
Projection Lamp	LED 24V, 1A
Dimension	225W X 240D X 185H
Inherent Protecion	1.2mm AL Eq.
Weight	5kg

6) Patient Table

Type	4-way Float-Top
Dimension	2200W x 820D x 720H
Longitudinal Travel	± 450mm
Transverse Travel	± 150mm
Weight	130kg

7) Wall Bucky Stand

Column Height	1910mm
Vertical Travel	1200mm
System Weight	80kg

☉ Dimensions
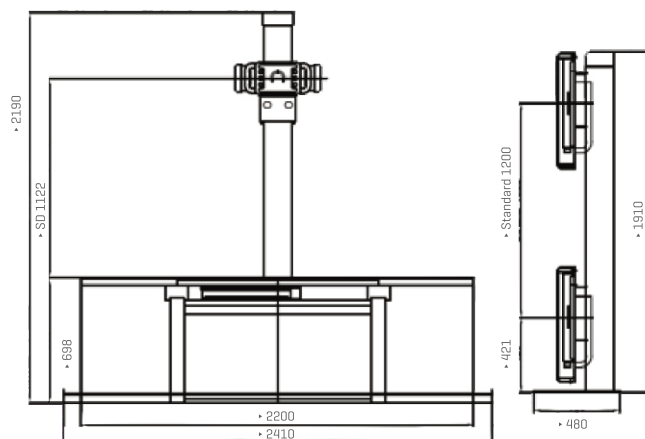
↗ Bucky Table & Bucky Stand Compatible with any Flat Panel Detectors

↗ OP Console

☉ Power Assistant Unit

• Reduce until 93% electricity consumption (min. input ~ max. output)
• Input power requirement only 2 kVA ~ 220 VAC
• High power output until 40.000 VA
• Generator protection circuit
• Unlimited charging and discharging time
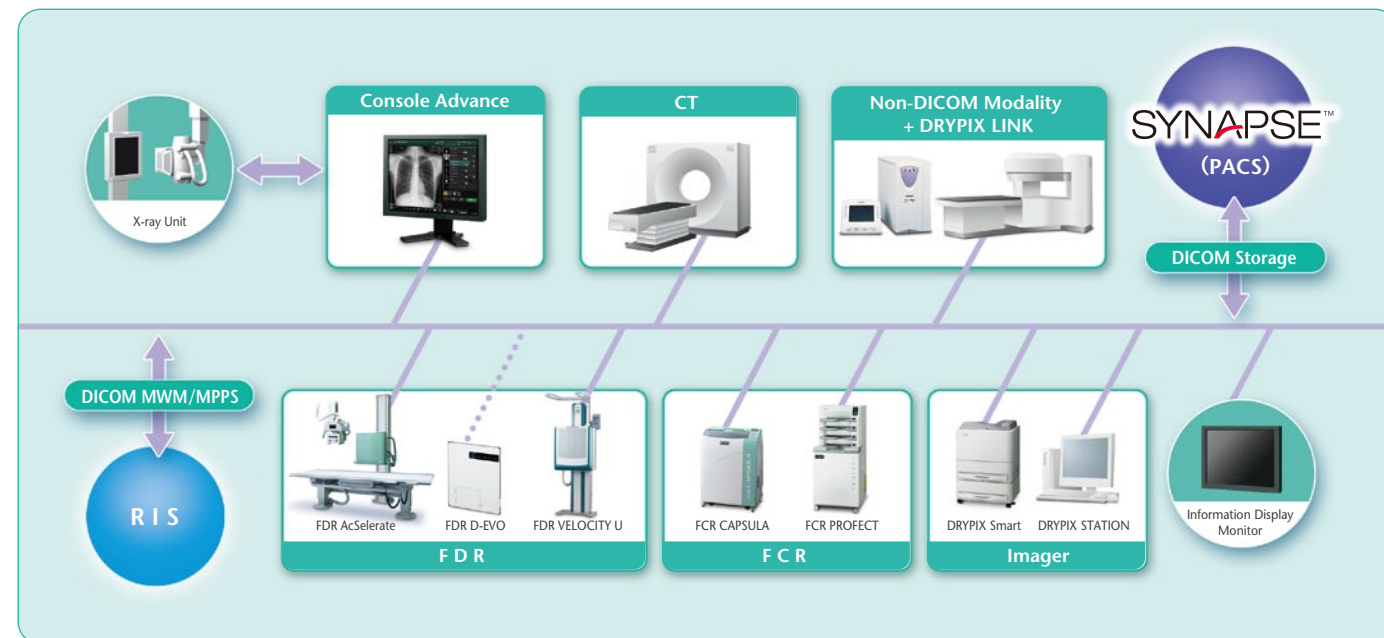• Discharging time until 40 minutes

↗ Brilliant Solution For Electricity Power

System Configuration

Console Advance
CT
Non-DICOM Modality + DRYPIX LINK

SYNAPSE™ (PACS)

X-ray Unit

DICOM Storage

DICOM MWM/MPPS

R I S

FDR AcSelerate   FDR D-EVO   FDR VELOCITY U   FCR CAPSULA   FCR PROFECT   DRYPIX Smart   DRYPIX STATION   Information Display Monitor

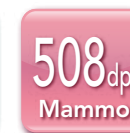F D R   F C R   Imager

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FUJI MEDICAL DRY LASER IMAGER

DRYPIX Smart
Model: DRYPIX 6000

Highly efficient dry imager quickly offering excellent quality images for wider purposes
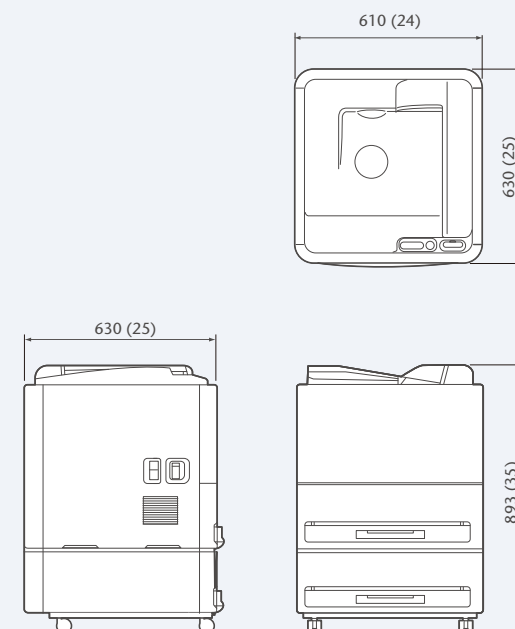
2 Trays | 80 sheets/hr. | 508 dpi Mammo | ECO-DRY SYSTEM

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) **DI-ML (blue base)**
	35 × 43 cm (14″ × 17″) 26 × 36 cm (10″ × 14″)
	35 × 35 cm (14″ × 14″) 25 × 30 cm (10″ × 12″)
	26 × 36 cm (10″ × 14″) 20 × 25 cm (8″ × 10″)
	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.)

610 (24)
630 (25)
630 (25)
893 (35)

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

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

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In some countries, regulatory approval may be required to import medical devices.
For the availability of these products, please contact your local sales representatives.

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.
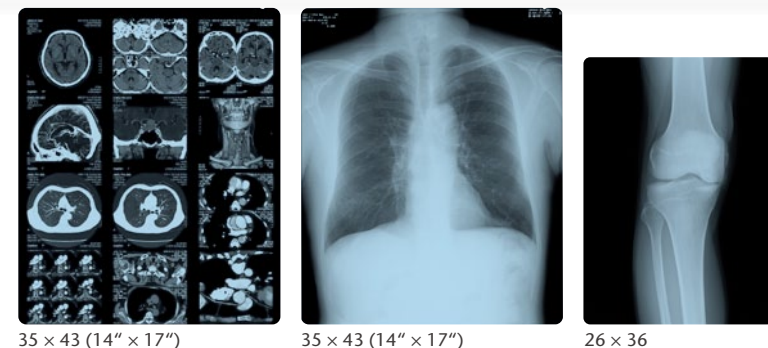
Two trays to achieve more versatility

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.

DI-HL

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

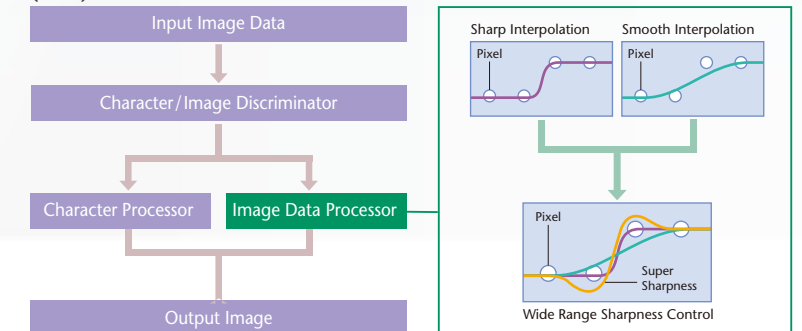### High resolution and high maximum density

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

Input Image Data → Character / Image Discriminator → Character Processor / Image Data Processor → Output Image

Sharp Interpolation   Smooth Interpolation
Pixel   Pixel
Pixel
Super Sharpness
Wide Range Sharpness Control

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.
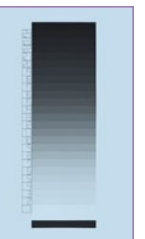
SAR (Smooth Curve Arranging)

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.
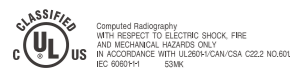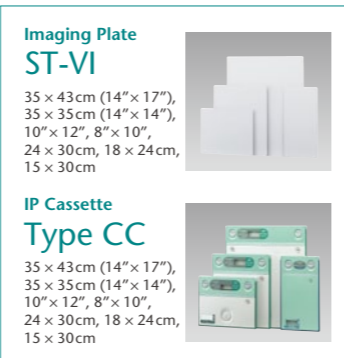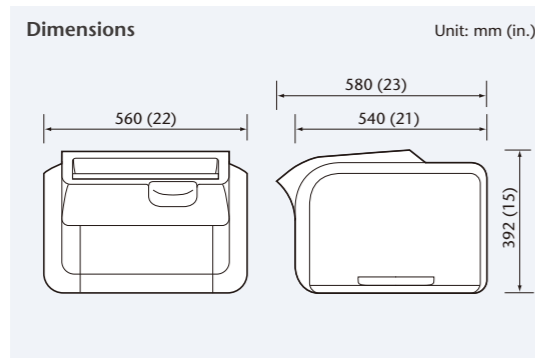
FCR PRIMA T2 Specifications

Standard Components	FCR PRIMA T2 Image Reader (Model: CR-IR 392)
Applicable Console	FCR PRIMA Console, FCRView, CR Console, Console Advance
Main Connectable Imagers	DRYPIX PRIMA / Smart / Lite / Plus / 4000
Supplies	Imaging Plate ST-VI: 35 × 43 cm (14"× 17"), 35 × 35 cm (14"× 14"), 10"× 12", 8"× 10", 24 × 30 cm, 18 × 24 cm, 15 × 30 cm IP Cassette Type CC: 35 × 43 cm (14"× 17"), 35 × 35 cm (14"× 14"), 10"× 12", 8"× 10", 24 × 30 cm, 18 × 24 cm, 15 × 30 cm
Time Required for IP Feed / Load	Min. 49 sec.
Processing Capacity	Up to 73 IPs / hr.
Reading Specification	10 pixels / mm, 5 pixels/mm
Time to Start on Display	Min. 33 sec.
Time to Print on DRYPIX PRIMA	Approx. 165 sec. (Approx. 155 sec.)* in case of 35 × 43 cm (14"× 17")
Number of Stacker	1
Network	10 Base T /100 Base TX
Dimensions (W × D × H)	560 × 540 × 392 mm (22"× 21"× 15")
Weight	39 kg (86 lbs.)
Power Supply Conditions	Single phase 50-60 Hz AC120-240V ±10% 1.9A (max)
Environmental Conditions	Operating Conditions: • Temperature: 15-30 °C • Humidity: 15-80 %RH (No dew condensation) • Atmospheric pressure: 750-1060 hPa

This equipment is a Class 1 laser product (IEC60825-1:2001).

*In the high speed mode

Dimensions
Unit: mm (in.)

580 (23)
560 (22)
540 (21)
392 (15)

Imaging Plate
ST-VI
35 × 43 cm (14"× 17"),
35 × 35 cm (14"× 14"),
10"× 12", 8"× 10",
24 × 30 cm, 18 × 24 cm,
15 × 30 cm

IP Cassette
Type CC
35 × 43 cm (14"× 17"),
35 × 35 cm (14"× 14"),
10"× 12", 8"× 10",
24 × 30 cm, 18 × 24 cm,
15 × 30 cm

FCR PRIMA T2

Extremely fast processing in a compact body streamlines diagnosis

Tabletop size

73 IPs/hr.

CLASSIFIED
c UL us
Computed Radiography
WITH RESPECT TO ELECTRIC SHOCK, FIRE
AND MECHANICAL HAZARDS ONLY
IN ACCORDANCE WITH UL2601-1/CAN/CSA C22.2 NO.601.1
IEC 60601-1   52MK

FCR PRIMA T2 (CR-IR 392) CE 0123

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In some countries, regulatory approval may be required to import medical devices.
For the availability of these products, please contact your local sales representatives.

This compact table-top reader unit has outstandingly high-speed processing capability to challenge the common misconception of CR

High-Speed Processing

FCR PRIMA T2 is a table-top reader unit which boasts a world-class high processing speed of 73 IPs/hour. In the high speed mode (5 pixels/mm), throughput is enhanced almost 70% compared with FCR PRIMA T (only for IPs of 14"× 17" and 14"× 14"). As with all Fujifilm equipment FCR PRIMA T2 is easy to operate. It will help reduce patient waiting time and greatly increase the efficiency of examination workflow.

FCR PRIMA T
57 IPs/hr.

FCR PRIMA T2
73 IPs/hr.

Throughput increased about 30% compared with FCR PRIMA T

*The above value is for IPs of 18 × 24 cm. *In the normal mode (10 pixels/mm)

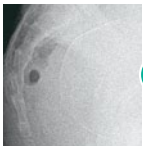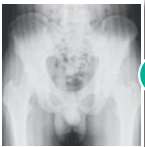**Weight**
39 kg
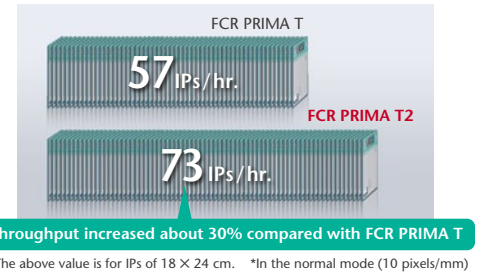
Space-Saving Design

FCR PRIMA T2, with its light and compact table top design, can be placed on a desk, shelf or anywhere space is limited. As this is a fully digital reader, neither a darkroom nor automatic processor is required. FCR PRIMA T2 can always be installed in the space formally used by a chemistry based processor.

0.30m²
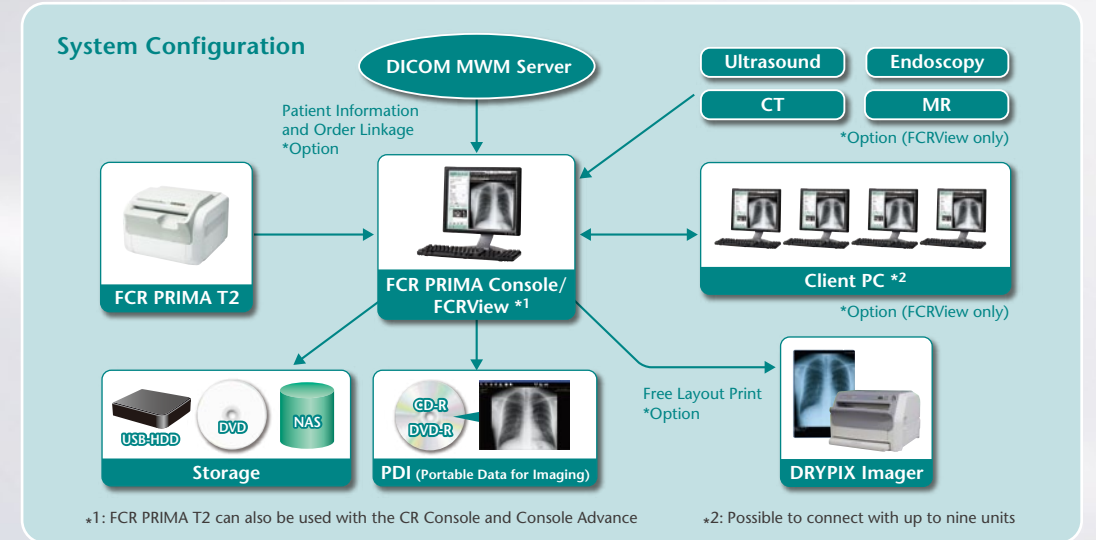
392 mm

540 mm

Stable High-Quality Images

Although this is a compact machine its excellent image quality is the same as that produced by the rest of the FCR range. Image Intelligence™, Fujifilm's proprietary image processing technology, enhances image contrast and sharpness, without any deterioration of details. FCR PRIMA T2 supports accurate diagnosis by offering stable and optimized image quality.

Image Intelligence™

Processing Capacity

73 IPs/hr.

• The above value is for IPs of 18 × 24 cm.

560 mm

MFP* Multi-Frequency Processing

Enhances FCR images. All diagnostic scopes will be enhanced except for noise.   *Optional software

FNC Flexible Noise Control

Provides a non-grainy image by mainly isolating and suppressing the noise for the signal.

GPR Grid Pattern Removal

Removes the stationary grid patterns thus preventing Moiré from being generated resulting in easier diagnosis.

All-in-one workstation

FCR PRIMA Console / FCRView

FCR PRIMA Console and FCRView are all-in-one workstation which meet various radiographic imaging needs. The features include image acquiring, processing, viewing and archiving.

*FCR PRIMA T2 can also be used with the CR Console and Console Advance.

Console

Viewer   Archive

System Configuration

DICOM MWM Server

Ultrasound   Endoscopy

CT   MR

*Option (FCRView only)

Patient Information and Order Linkage
*Option

FCR PRIMA T2

FCR PRIMA Console/ FCRView *1

Client PC *2

*Option (FCRView only)

USB-HDD   DVD   NAS
Storage

CD-R DVD-R
PDI (Portable Data for Imaging)

Free Layout Print
*Option

DRYPIX Imager

*1: FCR PRIMA T2 can also be used with the CR Console and Console Advance   *2: Possible to connect with up to nine units