





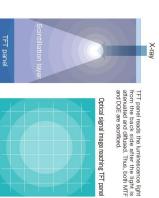


Compatible cassette size DR, realizing 2.8kg* lightness.



The FDR D-EVO has achieved 384 ×460mm size and 14mm thick which is equivalent to a CR cassette. The other main characteristics of the FDR D-EVO are 2.8/kg*weight, minimum 3seconds preview time and minimum 9seconds cycle time. Since the size is equivalent to a CR cassette, it is possible to load the FDR D-EVO into an existing upright/fable X-ray system and can be handled in the same fashion as a CR cassette. ** \text{Veight without cable}

FUJIFILM's new proprietary technology "ISS method* FPD



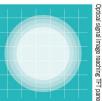
Front side focus method X-ray

Back side focus method

Conventional method







The "ISS method" provides high sharpness image even with low dose

The main characteristic of FUJIFILM's new proprietary technology "ISS method"s" is realized by placing the TFT sensor on the front side of the scintillation layer where the TFT sensor of an existing panel is located on the back side. By using this new method, scattering/reduction of X-ray signal is significantly improved (resulting in improved MTF). Also, optimization of the scintillation layer of the panel is achieved by FUJIFILM's own precision coding technology cultivated by manufacturing imaging Plate(IP) for many years(resulted in improvement of DQE). *2 Absences on: irradiation Side Sampling

Introducing DR system is available with existing X-ray equipment. Speedy and efficient workflow, extensive free-position exposure is achieved.

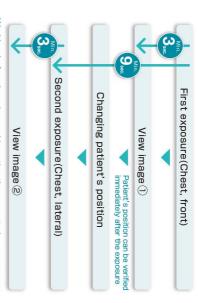
I panel solution

Since the 14mm thick, 384×460mm size the FDR D-EVO is equivalent to a CR cassette, it can be loaded into an existing upright/table exposure system. Also, the FDR D-EVO weighs 2.8kg* which is nearly as light as a CR cassette (including IP, 2.1kg), thus achieves friendly usability for customers. * Weight without cable



Unparalleled speed improving workflow

Scenario: 2 consecutive exposures operated by one person



Workload of exchanging and inserting the cassette is unnecessary.

Thus, operation workload and time can be reduced greatly.

Total time:

Supporting various positions by table-top exposure











Abdomen lateral decubitus





Cubital joint lateral



Knee joint axial

Wheelchair exposure

Stretcher exposure

FOR D-EVO

Using one Console Advance, both D-EVO and FCR are controllable with same usability.



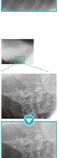
Image Intelligence

Image Intelligence" is the result of FUJIFILM's many years of achievements in field of medical imaging. It realizes high-quality image for diagnosis

- FDR D-EVO and FCR are simultaneously connectable, thus achieves effective use of space in the exposure room. Optimized workflow is realized by unifying the operabilities and eradicating the duplicate operations.
- By unifying the image processing method, CR format equivalent by the FDR D-EVO can be managed commonly with FCR image image can be generated by the FDR D-EVO. Thus, image taken

FG SR











GPR Grid Pattern Removal

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

FDR D-EVO Specifications

Standard components and model name: Digital Radiography with flat panel detector DR-ID 600

Product name: FDR D-EVO (MODEL: DR-ID 600)

<Components>

Flat panel sensor: DR-ID 600SE Power supply unit: DR-ID 600MP Control cabinet: DR-ID 600MC

Image processing unit: DR-ID 300CL

Processing capacity:

(1) Start-up speed

<At normal operation>

6 min. or less: when connecting only one flat panel sensor

8 min. or less: when connecting two flat panel sensors

<At emergency mode>

3 min. or less: when connecting only one flat panel sensor 3.5 min. or less: when connecting two flat panel sensors

(2) Image display speed

Preview display speed: minimum 3 sec.

(After exposure: Depends on measurement environment at the lab) Processed image display speed: 8 sec. or less (after exposure)

ex) • Front chest (120kV 4mAs \sim approx. 20mR) — minimum 9 sec. •Front cervical (approx. 56mR) — minimum 9 sec.

(4) Film output time: Approx. 80 sec. (Reference value)

with DRYPIX7000 console advance

Exposure size:

2304 × 2880 pixels

Image reading:

·Reading grayscale level: 16 bit/pixel

•Pixel size: 150μm

X-ray detector: Indirect-conversion system flat panel X-ray detector DR-ID 600SE

Maximum film size: 2304 × 2880 pixels

Scintillator: GOS (Gd₂O₂S)

Power supply conditions: FDR D-EVO

Rating: Single phase 50/60Hz AC100V-AC240V (+/-10%)

1.0KVA or less

* Refer to "Console Advance Product Specifications" for the power supply condition of Console Advance.

Power consumption:

Operating: 80W (with only one of the flat panel sensors operating)

Standby: 60W

Applying current: 15 W (at only power supply unit is ON)

* When two flat panel sensors are connecting

Environmental conditions:

Operation conditions Temperature: 15°C to 30°C

Humidity: 15% to 80% RH (Non condensing)

Atmospheric pressure: 700hpa to 1,060hpa Temperature and

Humidity conditions on operating Operatingconditions

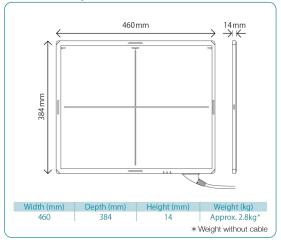
Not operating condition

Temperature: 5°C to 35°C

Humidity: 10 to 80%RH (Non condensing)

Atmospheric pressure: 700 to 1,060hpa

Dimensions and weight



Optional parts



Standard components





800-356-3388 978-374-6371 Fax - 978-521-2214

49 Newark Street Haverhill, MA 01832 sales@associatedxray.com www.associatedxray.com





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

Manufacturer: FUJIFILM Corporation, 26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN Ref.No. XB-974E (SK·10·05·F1099) Printed in Japan ©2010 FUJIFILM Corporation

External appearance and specifications are subject to change without notice. All brand names or trademarks are the property of their respective owners. All products require the regulatory approval of the importing country. For details on their availability, contact our local representative. Please contact FUJIFILM's authorized distributor for FDR D-EVO X-ray system.