New Console Advance with enhanced functions for FDR D-EVO

The sophisticated design of the GUI contributes to the safe, comfortable and efficient performance of all radiographic examinations.

- Technique select buttons
  Connected modalities are displayed using colour coded buttons, enabling the Radiographer to easily confirm the modality selected. By simply selecting a button, the modality can be changed quickly and accurately.

- Status display for D-EVO
  The status of the D-EVO is a new feature. When D-EVO is used it is possible to confirm its status change, e.g. X-ray connection etc.

Integrating FUJIFILM’s various FDR/FCR systems with a single Console Advance

Console Advance controls both FDR D-EVO and FDR, providing a consistent user interface.

- Both FDR D-EVO and FCR reader can be connected simultaneously thus reducing space requirements in the X-ray room.
- Work flow is streamlined by removing the need for documentation of data entry.
- Utilizing a common set of processing and algorithms, consistent results are produced from both FDR and FDR D-EVO allowing for easier image management.

FDR D-EVO G35i Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Cassette size detector with E1 Radiation Site Sampling system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detector</td>
<td>GSO (Selenium-iodine)</td>
</tr>
<tr>
<td>Detector external size</td>
<td>384 x 460 x 14.4 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>3.3 kg (including battery)</td>
</tr>
<tr>
<td>Field of view</td>
<td>0.15 mm</td>
</tr>
<tr>
<td>Pixels</td>
<td>2400 x 3075 pixels</td>
</tr>
</tbody>
</table>

- Wireless standard: IEEE 802.11b, 5.2GHz
- Image preview: approx. 1 sec
- Cycle time: approx. 3 sec (ycled model) / approx. 1 sec (wireless model)
- Battery charging time: Approx. 3 hours
- Battery performance: Standby: Approx. 36.38hrs
- Number of exposures: Approx. 750 exposures (12 sec cycle)

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 how to obtain contact your representative.
Please contact FUJIFILM’s authorized distributor for FDR D-EVO X-ray system.

Ref.No.: X3B-9565
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Wireless DR Cassette “Usability” and “Utility” as standard

Main Specification
- Standard sized 35x43 cm DR cassette
- As thin as a regular X-ray cassette (approx. 14.8mm)
- High speed wireless LAN interface (IEEE 802.11n, 5.2GHz)
- Light weight 3.3kg (including battery)
- Capable of supporting up to 150kg (across surface)
- 750 exposures or 3.5 hours use per full battery charge

Rapid image acquisition
- Approx 1 sec preview and 11 sec inter-exposures time (wireless mode)
  After exposure the preview image is produced almost instantly thus allowing rapid image confirmation.
- Auto-recognition of the examination area and film sized trimming
  The X-ray exposure field is automatically recognized and trimmed to the most suitable image size (film sized trimming is also supported).
2 ways of charging

By utilizing an extra battery pack there is no need to wait for recharging.

Wireless mode

- Enables easy positioning.

Wired mode

- Helps keep battery fully charged.

1 sec switching between “Wireless mode” and “Wired mode”

Easy and rapid switching between modes as required dependent on examination type. Wired mode simultaneously charges the battery while in use thus ensuring maximum available charge to enable the best use of the wireless mode when this is required.

Unparalleled speed - improved workflow

Scenario: 2 consecutive exposures performed by one person (wireless mode)

1. First exposure (Chest, PA)
   - View Image 1
   - Patient’s position can be verified immediately after the exposure
   - Changing patient’s position

2. Second exposure (Chest, Lateral)
   - View Image 2
   - Additional steps required for changing cassettes is unnecessary thus reducing both workload and the time required.

Total time: around 12 sec.

FUJIFILM’s new FPD featuring our proprietary “ISS technology”

“ISS technology” sees the TFT sensor placed in front of the scintillation layer instead of its traditional position behind it. This technology permits a higher resolution image and reduced doses.

Conventional method

“Penetration side excitation, PIN”
- The conventional TFT panel emits light from the rear of the detector, after the radiation has been attenuated and diffused within its structure, thus exciting both MTF and QE.

FUJIFILM’s new method

“Radiation side excitation, ISS” method
- FUJIFILM’s ISS method allows light to be collected before attenuation and diffusion can take place, thus providing improvements in both MTF and QE when compared to traditional ISS methods.