

FUJIFILM



NEW
CONSOLE ADVANCE





CONSOLE ADVANCE

— The Heart of Your FDR/FCR System

Our aim – the ultimate in easy operation

The culmination of over 25 years of experience following the invention of the worlds first CR system, the FCR101, and a decade after the release of FUJIFILM's well proven "CR Console" we are now proud to present our latest innovation; the CONSOLE ADVANCE. With its new design and improved features the CONSOLE ADVANCE will contribute to a more efficient workflow within the Radiology department. The CONSOLE ADVANCE has been designed and developed to be simpler, more efficient and more comfortable to use for the Radiographer and to speed up the imaging process making examinations more comfortable for patients.

- 1 Integrating all your FDR & FCR systems in a single CONSOLE ADVANCE
- 2 New user interface and screen layout ensure safer, more accurate and easier imaging
- 3 Possibility of "One Click" operation (assuming full RIS integration)
- 4 Rapid Image display allows faster confirmation of examinations
- 5 Uses the very latest evolution of FUJIFILM's renowned image processing technology
- 6 Versatile functionality, and superb customisation options, permit more efficient workflow
- 7 Full DICOM compatibility enables easy, flexible, integration with other systems



FDR D-EVO Suite



FDR AcSelerate



FDR D-EVO



FDR VELOCITY T



FDR VELOCITY U



FDR VELOCITY Unity



FCR XG5000



FCR PROTECT



FCR CAPSULA

FDR

FCR

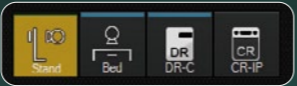
NOTE: For the availability of the product in this brochure, please contact your local sales representative.

ADVANCED DESIGN

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



In addition to the familiar basic operation, new gradation design monitor and the intuitive arrangement of operation buttons make it possible to check and confirm information quickly and accurately. The image display area on the display monitor is larger, and enables easy checking of diagnostic images. An optional touch panel monitor ensures quick and accurate operation.



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 icons for the D-EVO are a new feature. When D-EVO is used it is possible to confirm its status; charge level, WiFi connection etc.

Work list screen



The colour coded status display and thumbnail display function are integrated, you can check and confirm status and content of examinations at a glance. The examination can be selected easily.

QA screen



Operation buttons, aligned to match your workflow, allow you to manage QA functions efficiently. Help text, explaining the function of each button, makes things easier to understand initially.

ADVANCED FUNCTIONS

Precise enlargement function (Option)

Connecting the console to an optional second monitor allows you to precisely confirm the image on a high resolution monitor. Text data is also displayed on the 2nd monitor so that patient information and exposure factors* can be confirmed. Various magnification options allow the image to be enlarged for more detailed diagnosis.

* When X-ray Control Unit Online Software is used.



ROI image adjustment function

Using FUJIFILM's unique reference feature, the displayed image can be quickly re-processed. This function enables easier optimisation of images.



Image stitching function (Option)

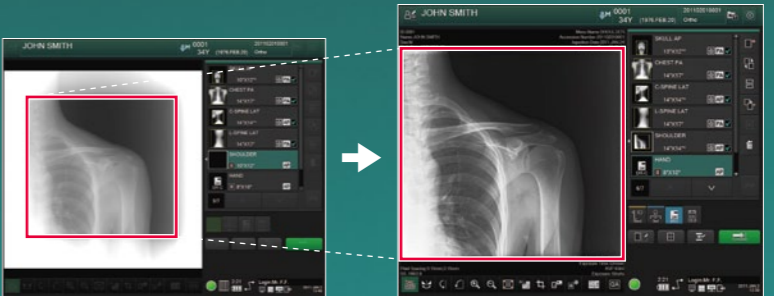
The automatic image stitching combines multiple images into a single image for viewing a wide area. Up to five images* can be stitched.

* Only for examination with the FDR AcSelerate



Auto-trimming function

The console automatically detects the exposure area and trims the image to the correct size or the to the size of the selected region of interest. This function allows the Radiographer to expose in any place on a panel/plate of any size.



ADVANCED

IMAGE PROCESSING



FUJIFILM's image processing technology climbs to an even higher level

FUJIFILM's renowned diagnostic image quality has now evolved still further. Leveraging its world leading image processing technology, built on a long heritage in medical imaging, and its endless pursuit of improvements in diagnostic imaging, FUJIFILM's CONSOLE ADVANCE is more than able to meet the exacting demands of the modern medical market.



Conventional image



New image



Customised image

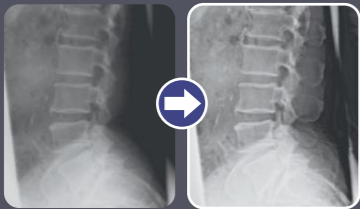
FUJIFILM's image processing technology automatically recognises the region of interest and applies the optimum image processing parameters in order to deliver reproducible, high quality, images every time. This greatly streamlines workflow thus reducing the load on Radiographers and speeding up diagnosis for Doctors.

FUJIFILM's proprietary image processing technology Image Intelligence™

The result of FUJIFILM's long heritage of achievements in the medical imaging field, Image Intelligence™ allows you to produce high-quality images for better diagnosis.



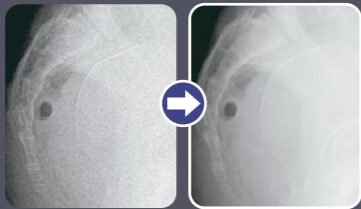
MFP*



Multi-Frequency Processing

Enhanced 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

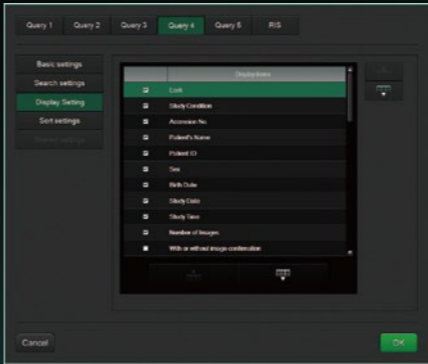
Removes the stationary grid patterns thus preventing Moiré from being generated resulting in easier diagnosis. (convenient for a cassette study) *Optional software

ADVANCED

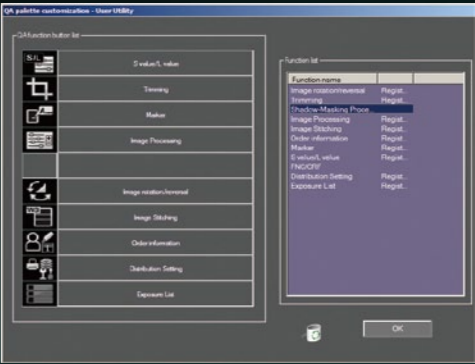
CUSTOMISATION



Various customisation functions allow the user to arrange the screen as they like it by changing the positions of the buttons or option selection items. Performing a customisation allows users to optimise the interface to account for departmental workflow in order to improve efficiency still further.



Selection of display items in the Work list screen
Customising the display list detail for each query to match your needs.



Selection and alignment of an icon on QA screen
Customising the alignment of icons for the various QA functions to match your workflow.

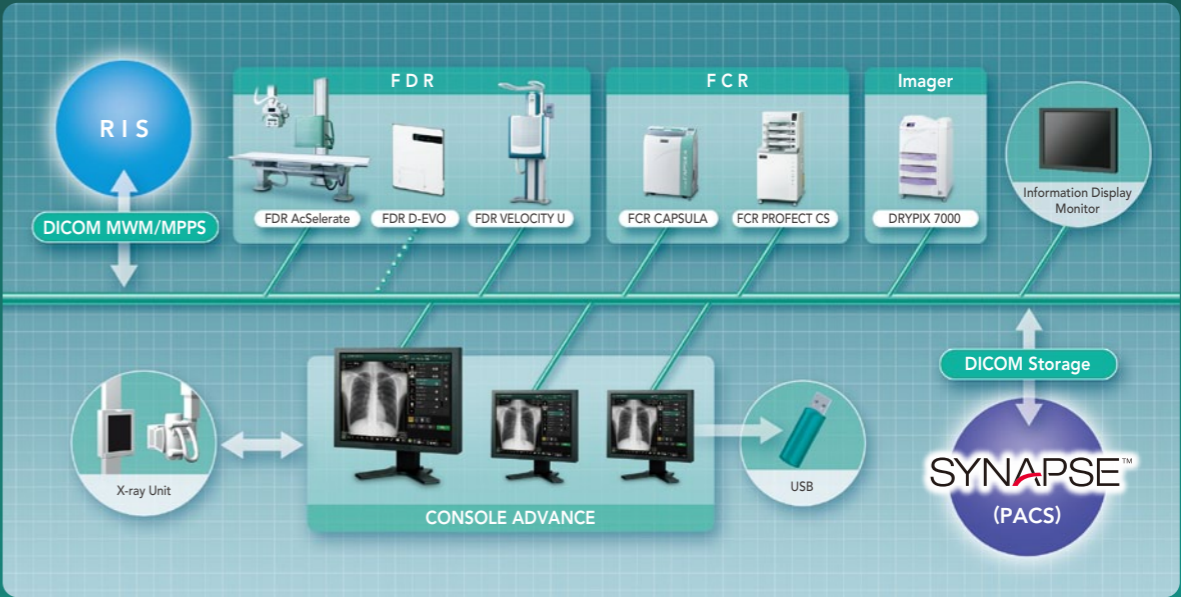
ADVANCED

SYSTEM EXPANDABILITY



The CONSOLE ADVANCE is connectable to various other pieces of equipment via the hospital network and is fully compatible with DICOM part 14. The CONSOLE ADVANCE can be specified in standard configuration or can be supplied with various optional software items. The CONSOLE ADVANCE is the heart of FDR and FCR diagnostic imaging.

System Configuration



CONSOLE ADVANCE Specifications

Standard Components

1. Control unit
2. Display unit
3. Application software
4. A set of accessories
5. Power cable

External Dimensions and Weight

	Width	Depth	Height	Weight
Main unit	Approx. 114mm	Approx. 353mm	Approx. 399mm	Approx. 8.3kg
Keyboard	Approx. 460mm	Approx. 170mm	Approx. 30mm	Approx. 1kg
17" color monitor	Approx. 380mm	Approx. 208.5mm	Approx. 432.5 ~514.5mm	Approx. 8.2kg
21.3" color monitor	Approx. 376mm	Approx. 208.5mm	Approx. 522.5 ~604.5mm	Approx. 9.4kg
21.3" monochrome monitor	Approx. 376mm	Approx. 208.5mm	Approx. 604.5mm	Approx. 9.9kg
21.2" color monitor	Approx. 376mm	Approx. 208.5mm	Approx. 604.5mm	Approx. 10.4kg
20.8" monochrome monitor	Approx. 368mm	Approx. 208.5mm	Approx. 597.5mm	Approx. 9.2kg

Power Supply Conditions

	Power voltage	Rating Current
Main unit	AC 90~265V	3.6A/1.8A
17" color monitor	AC 100~120V/AC 220~240V	0.6A/0.3A
21.3" color monitor	AC 100~120V/AC 220~240V	1.2A/0.6A
21.3" monochrome monitor	AC 100~120V/AC 220~240V	1.1A/0.5A
21.2" color monitor	AC 100~120V/AC 220~240V	1.2A/0.6A
20.8" monochrome monitor	AC 100~120V/AC 220~240V	1.0A/0.5A

Specifications are subject to change without notice.
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.

CONSOLE ADVANCE DR-ID 300CL



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

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