

Service Information Bulletin

This Bulletin is for information only.

Announcement of released DX-D 100

		Task	
Timing		Category	
Next service	<input type="radio"/>	Apply at all sites	
	<input type="radio"/>	Apply at affected sites as listed below	
	<input checked="" type="radio"/>	Optional to improve functionality of product	

Task Tracking

After completion of your task the following entry in your Service Report is required:

DD+DIS084.11E

*

* Insert the document number into the field "Comment" (SMS form).

Purpose of this document:

This document announces the customer release of the DX-D 100 system version 1.0 in combination with NX Workstation 2.0.8400 / 3.0.8400 and XREDI Software version 10.0.

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1 Introduction

DX-D 100 System The Agfa DX-D 100 Mobile X-ray Unit is a universal, flexible and affordable mobile modality.

The DX-D 100 is a mobile X-ray system equipped with integrated X-ray generator and NX software, X-ray tube with manual collimation and a portable DR Detector.

The mobile X-ray system is fully-motorized and the arm of the mobile unit is three-point articulated and facilitates easy patient positioning especially for examinations of immobile patients e.g. in demanding trauma and ICU environments.

The Mobile X-ray Unit handles all normal General Radiographic bedside exams and is designed for general radiography.

It provides all the advantages of high frequency waveform generators including lower patient dose, shorter exposure times as well as greater accuracy and consistency.



Figure 1

Intended Use The DX-D 100 system is a mobile X-ray imaging system used in hospitals, clinics and medical practices by physicists, radiographers and radiologists to generate, process and view static X-ray radiographic images of the skeleton, chest, abdomen and other body parts.

Applications can be performed with the patient in the sitting, standing or lying position.

This device is **not** intended for mammography applications.

1.1 Overview of the DX-D 100 Components

The DX-D 100 is a DR X-ray system (Direct Radiography X-ray System) and consists of the following components

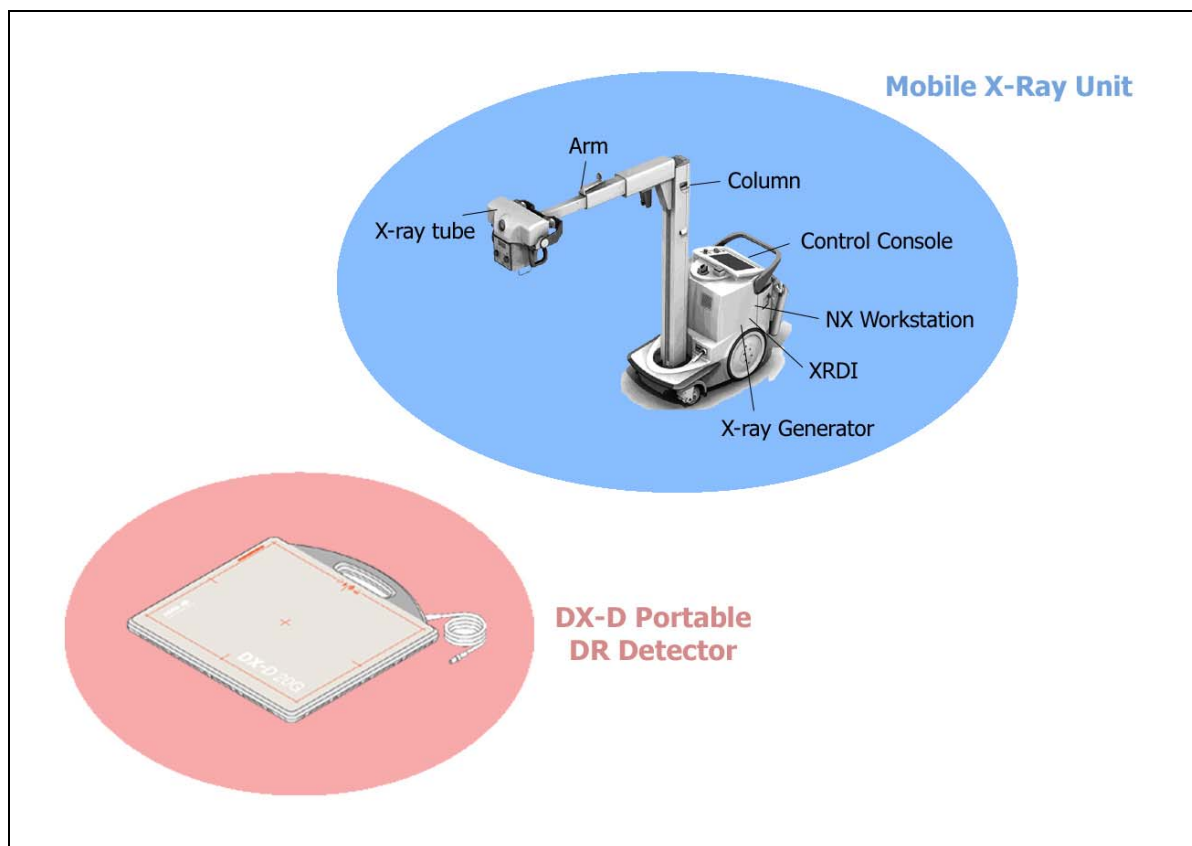


Figure 2

*Released
Compo-
nents*

The DX-D 100 system can be used in combination with the following components:

- NX Workstation:
 - NX 2.0.8400 / 3.0.8400
- XRDl Software version 10.0
- DR Detector:
 - DX-D 20G DR Detector, part number 7358 (GOS)
 - DX-D 20C DR Detector, part number 20665 (CSI)

1.2 Features of the DX-D 100 Components

DX-D 100 System:

- DX-D100 Mobile DR X-Ray unit 20 KW
- DX-D100 Mobile DR X-Ray unit 32 KW
- DX-D100 Mobile DR X-Ray unit 40 KW (300 KHU)
- DX-D100 Mobile DR X-Ray unit 50 KW (300 KHU)

NX Workstation:

- NX 2.0.8400 / 3.0.8400
- NX Workstation runs on built-in PC (with integrated Soft Console located on the right hand side of the Monitor)

XRDI:

- XRDI Software version 10.0

Hardware Components:

- DX-D 20G DR Detector, part number 7358 (GOS)
- DX-D 20C DR Detector, part number 20665 (CSI)
- X-ray tube with manual collimator
- Motorized wheels
- Battery for wheeling motor
- Battery for X-ray Generator
- 15" touch screen monitor

Solution Options:

- DAP meter (mounted below collimator)
- Anti scatter grids
- Wireless exposure button
- NX Musica2 Platinum
- NX 3.0 feature license

2 Service Documentation



IMPORTANT:

Links within the Service Documentation point to local document and not to the Agfa HealthCare Library. This supports the offline usage during service intervention.

These links refer to a defined folder structure on a local hard disk.

This offline navigation is also implemented in Technical Service CD delivered with the DX-D 100.

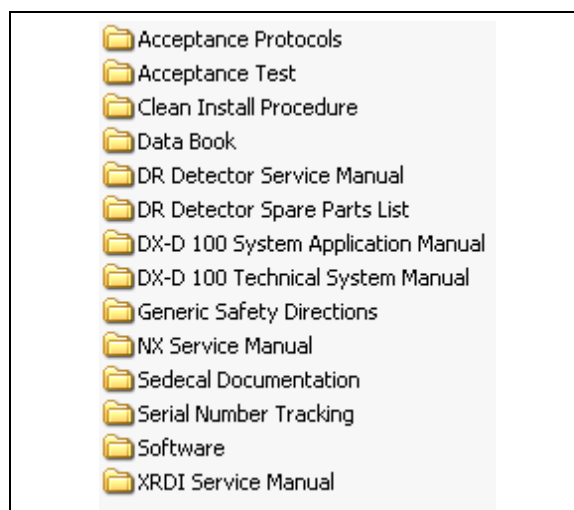


Figure 3: Defined folder structure for offline use

2.1 Instructions for Document Updating

- (1) Activate the Agfa HealthCare Library Notification to stay informed about document updates. For details refer to: [Intranet Link](#) / [Extranet Link](#)

As soon as an update is available an E-Mail from the Agfa HealthCare Library is triggered.

- (2) Copy the defined folder structure from the Technical Service CD delivered with the DX-D 100.

(3) Download the latest documents from Agfa HealthCare Library.

Please observe:

- Download the files to the defined folder structure on the local hard disk before going to customer's site.
- Make sure that the same filenames as already used in the defined folder structure are used.

For Example: Always delete the Agfa HealthCare Library file versioning number

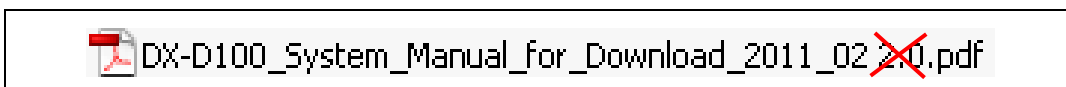


Figure 4: Example of Agfa HealthCare Library file naming

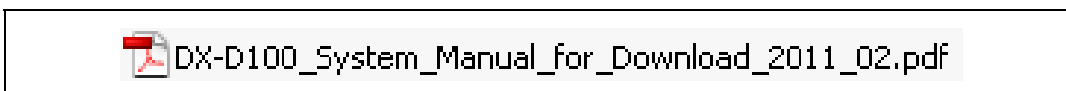


Figure 5: Example of offline navigation file naming

2.2 Agfa HealthCare Library Path for latest Documents

*Technical
Documen-
tation*

The following Service Documentations are available on Agfa HealthCare Library:

- Service Manual: ([Intranet Link](#) / [Extranet Link](#))
- Mobile X-ray Unit System Documentation:
 - Configuration / Calibration
 - Maintenance
 - Renewal Parts
 - Schematics
 - Troubleshooting

Agfa HealthCare Library with filter settings: <Direct Radiography → Dr Equipment → DX-D 100 → Service Manual>

- NX Service Manual:
<Computed Radiography → CR Workstation Software>
- Portable DR Detector Service Manual: ([Intranet Link](#) / [Extranet Link](#))
- XREDI Service Manual: ([Intranet Link](#) / [Extranet Link](#))

Service Plan For details on servicing the DX-D 100 refer to the Agfa HealthCare Library:
([Intranet Link](#) / [Extranet Link](#))

User Documentation The User Documentation is available on Agfa HealthCare Library with filter settings:
<Direct Radiography → DR Equipment → DX-D 100 → User Manual>

Data Sheet The Data sheet is available as PDF-file on Agfa HealthCare Library:
([Intranet Link](#) / [Extranet Link](#))

Training The trainings are offered for the following 2 Service target groups:

- AGFA Field Service Engineers:
 - Technical Training (X-ray component and solution level): 3 days
- Clinical Application Specialists:
 - DX-D 100 Service Application Training: 1 days

Service Training information and registration for Classroom Training, Web Based Training, Training Calendar, exams and certification processes are available on the [Academy Learning Platform](#) (ALP).

For more information concerning Training refer to the DX-D 100 Service Plan:
([Intranet Link](#) / [Extranet Link](#))

3 Keywords

- DX-D 100
- Mobile X-ray Unit
- XREDI Software version 10.0
- NX Workstation 2.0.8400 / 3.0.8400
- Service Documentation

4 Version History

Version	Change	Date
1.0	Initial Version	04-2011