	Type	No.
DR 100e	Type 6012	No. 26
DR 100s	Type 6013	No. 06
DR 400	Type 5520	No. 128
DR 600	Type 5530	No. 165
DR 800	Type 6010	No. 33
DR Retrofit	Type 5400	No. 104
DX-D 100	Type 5410	No. 122
DX-D 100 Wireless	Type 5411	No. 156
DX-D 300	Type 8207	No. 143
DX-D 400	Type 5420	No. 103
DX-D 600	Type 5430	No. 163

Document ID 71066340

Service Information Bulletin

This Bulletin is for information only.

Service Quality Test Tool version 2.0 available

Task

Timing		Category
⦿ **Next service**	◯	**Apply at all sites**
	⦿	**Apply at affected sites as listed below**
	◯	**Optional to improve functionality of product**

Task Tracking

After completion of your task the following entry in your Service Report is required:	71066340	*

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

Purpose of this document:

This document announces the release of Service Quality Test (SQT) Tool version 2.0.

Affected sites: The Service Quality Test Tool is used for all DR systems listed on the front page of this document.

Version 1.0
07-2020

service_information_bulletin_template_v09_RadSol
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1 Introduction

Version 2.0 of the Service Quality Test Tool (SQT) is available for download.
It replaces the previous version 1.3.
It is recommended to use only the SQT 2.0 (or later version) from now on.

Version 2.0 is completely reworked:

- Not based on Excel anymore but a Windows application with own SQT installer.

- Requires Windows operating system, for example Windows 7 or Windows 10 and .NET Framework 4.8 (usually included in the operating system).

- Requires MS Excel ≥ 2007 to display the SQT Report and Adobe Acrobat Reader to display the SQT instructions (online help).
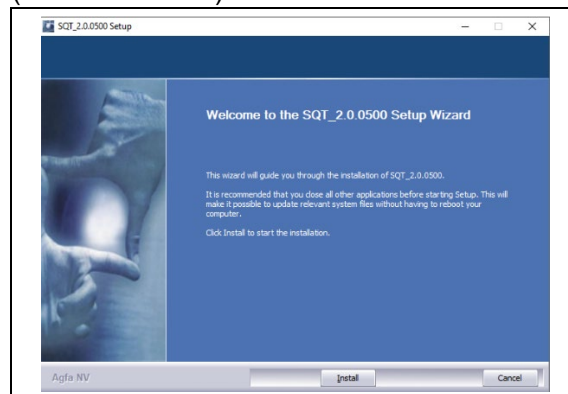

Figure 1

NOTE:

For more information to the SQT Tool see also DR 600 SB 11, Service ATPs replaced by unified Service Quality Test Tool, Document ID 54799858.

1.1 New features of SQT 2.0 compared to SQT version 1.3

- The SQT framework is an own Windows application now.
  From SQT Tool functionality point of view there is no difference.
- Main changes of the SQT Service Manual, which is opened when clicking the "Open test instructions" button in SQT 2.0:
  - o Added DR 800 dosimeter position template as an attachment.
  - o Added information how to perform DR 800 test 1.10 (dose rate test) with dosimeter positioned on the Table Top.

1.2 Solved issues in SQT 2.0 compared to SQT version 1.3

- For DR 800 the test 5.15, Field Sizes Test, the test is now linked to the following service activities. Before it was linked to production tests only.
  - o Installation
  - o Bucky Replacement Table
  - o DR Detector Replacement
  - o Collimator Replacement
- Test 5.15, Field Sizes Test (DR 800): Reworked acceptance criteria.
- In test 01.7, kVp Accuracy Fluoro, 250 mAs is replaced by 0.25 mAs.
- In test 02.3, DAP Meter Accuracy Fluoro, 156 mAs is replaced by 0.156 mAs.
- Adapted test 1.10.1: Dose Rate Test: Added instructions in the GUI (Graphical user interface): If Target Pixel Value (TPV) is above or below 600, the acceptance values need to be entered manually.

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DR 100e, DR 100s, DR 400, DR 600, DR 800, DX-D 100 Wireless, DX-D 100
DX-D 300, DX-D 400, DX-D 600, DR Retrofit

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1.3   Restrictions

- Site and system databases that were created with SQT < 1.3 are not compatible with SQT 2.0. The site and system data have to be entered again.

2   Prerequisites

SOFTWARE:
- Service Quality Test Tool 2.0 ZIP File (≈ 15 MB), Document ID 55022710, comprising:
  - o   SQT_2.0.0500.exe incl. test instructions* (Online help)
  - o   Using the SQT.PDF (short instructions)
- Excel ≥ 2007
- Adobe Acrobat Reader or Adobe Acrobat.
  Other PDF readers in general also work, but they will not open the SQT instructions with the specific page for the test.

Download the SQT 2.0 from the Agfa Medimg Library or directly from the AgfaBox. For details refer to the Service Information Bulletin "AgfaBox replaces Fileshare for software downloads", Document ID 71987422.

* SQT instructions can also be downloaded separately with Document ID 54513844.

3   Instructions

REQUIRED TIME:
- 5 minutes: Download of SQT 2.0
- 1 minute: SQT 2.0 installation
- 5 minutes: Installation of .NET Framework 4.8 if not yet available

(1)   Download and install the SQT 2.0.
       The SQT is installed in directory C:\Agfa\HealthCare\SQT.

4   Verification

(1)   Start the SQT 2.0 using the shortcut in the start menu
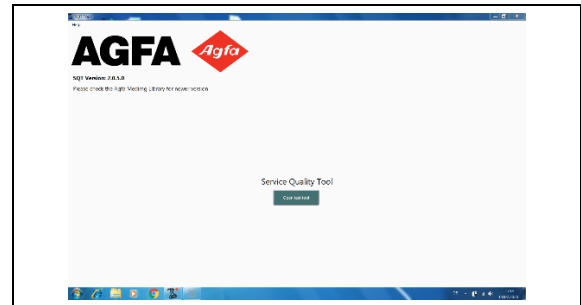

(2)   Confirm that the SQT 2.0 start page appears.

Figure 2

(3)   If error message **This application requires …. .NETFramework,Version=v4.8** appears, click **Yes** and follow the instructions to install it.
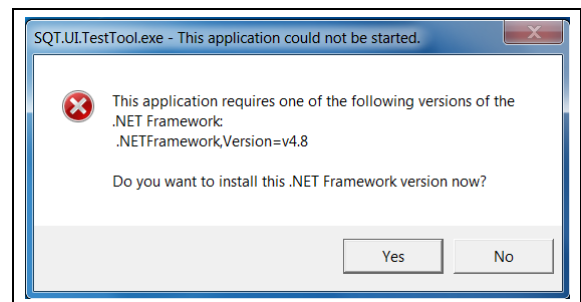

Figure 3

5   Keywords

SQT, ATP

6   Version history

Version	Change	Date
1.0	Initial Version	07-2020