

Service Information Bulletin

This Bulletin is for information only.

Double laser SID adjustment in Ralco R-221/A collimator

Task

Timing		Category
Next service	<input type="radio"/>	Apply at all sites
	<input checked="" type="radio"/>	Apply at affected sites as listed below
	<input 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+DIS150.16E

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

Purpose of this document:

- It announces the introduction of a fast system for adjusting two laser for a specific SID in Ralco R-221/A collimator.
- It introduces the laser adjustment description for the double laser which is part of an updated collimator manual.

Affected serial number(s) / batch:

From collimator serial number 1601916 on the fast laser adjustment system is available.

1 Introduction/purpose

Ralco SRL has introduced a fast system for adjusting two laser for a specific SID in collimator R-221/A.

The SID can be adjusted from 90 to 200 cm. By default the SID distance is 100 cm.

An updated manual of the Ralco R221/A collimator is available that contains the laser adjustment description for the double laser.

The procedure is only available from collimator serial number 1601916 on.

The collimator has two lasers which serve for the optical definition of the prefixed SID.

- The projection of a single line signifies that the two lines overlap and consequently the lasers are correctly focused at the set SID.
- The projection of two laser lines signifies the SID value has not been entered correctly.

How to adjust the laser line is described in

Collimator Ralco R221/A - Service Manual - DX-D 100 / DX-D 100 Wireless, Document ID [43902618](#).

2 Prerequisites



REFERENCED DOCUMENTS:

- Collimator Ralco R221/A - Service Manual - DX-D 100 / DX-D 100 Wireless, Document ID [43902618](#)

Direct Radiography > DR Components > Collimator > Service Manual

3 Instructions

Follow the procedure described in the collimator manual for adjusting two laser at the specific SID distance (see section Referenced Documents).

4 Verification

Refer to the collimator manual (see section Referenced Documents).

5 Keywords

collimator laser, twin laser, source to image-receptor distance

6 Version history

Version	Change	Date
1.0	Initial Version	11-2016