



June 2017

UPDATE: Introducing a trade-in program with GE's CRxFlex v2 or CRxVision!

Dear Customer,

At GE we know technology is always changing. Thus, we are constantly innovating so you can take advantage of whatever the future may bring. We strive to develop technologies that improve efficiency, are more precise, and provide you with the knowledge to make smarter and faster decisions...

With that in mind, we have taken our very succesful CRxFlex and developed the CRxFlex v2. This CRxFlex v2 includes updated hardware and software, giving you improved image quality, at a much lower X-Ray dose, increasing your overall throughput. And just like its first version, the CRxFlex v2 is another workhorse made in Germany.

The CRxFlex has been GE's largest NDT success and we believe that the updated CRxFlex scanner is the successor you've been waiting for.

Alternatively, GE's CRxVision provides application flexibility at high resolution and throughput unmatched throughout the industry.

Now GE has defined a special upgrade package, at very attractive pricing, as we want to give you the opportunity to upgrade your existing but old (and possible obsolete) CRxTower, CRxFlex, CR50(X)P or CRx25P system to the latest technology,

1. CRxFlex V2: what you can expect.

We have introduced improved scanner internals & hardware and updated the firmware. We have also implemented requested features, while still maintaining the valued ones from the previous platform.

Successful features we've maintained:

- o Scanner robustness and reliability.
- o Available cassette and Image Plate types and sizes.
- o System SRb (Basic Spacial Resolution) & Scan resolution (50 - 100µ)
- o System handling and workflow.
- o The pleasing eraspower.
- o The dose sensitivity (XR dose resulting in image greylevel).

New features:

- o Improved image quality*: equal SNR_N for lower dose / improved SNR_N for equal dose.
- o Improved dynamic range.
- o Firewire communication changed to Ethernet: easier and more stable.

- Simplified UI: only scan resolution is selectable, other parameters set automatically.
- Improved serviceability: faster and easier access for svc engineer.
* SNR_N being the cornerstone of image quality according to actual NDT Standards & Codes.

Outcomes for you:

- **Shorter exposure times:** higher throughput for your application.
- **Increased SNR_N** for equal exposure parameters: advanced inspection Quality level
- **More visible details**, particularly in the higher absorbed density range.
- **Faster time to image and stable communication** – simply add CRxFlex V2 into your network.
- A scanning process that leads to **less human errors**.
- Less maintenance = **reduced downtime** .

Pricing Overview.

We have priced with an attractive discount to ensure all our customers consider taking advantage of this CRxFlex V2 - technology upgrade:

CRxFlex V2 – Desktop computer with Eizo 3MP Monitor - Rhythm upgrade:

- Standard new system pricing: 88.200 EURO – \$ 93.900
- Standard Upgrade pricing: 73.300 EURO - \$ 77.300
- **Trade-in pricing: 52.500 EURO - \$ 55.500**

CRxFlex V2 – Laptop computer - Rhythm upgrade:

- Standard new system pricing: 82.900 EURO – \$ 88.300
- Standard Upgrade pricing: 68.000 EURO - \$ 71.800
- **Trade-in pricing: 47.500 EURO - \$ 49.900**

2. CRxVision: what you can expect.

Successful features:

- Very high Scan resolution (35 - 70µ) and SRb (Basic Spacial Resolution)
- Best in class dose sensitivity (XR dose resulting in image grey level).
- Excellent image quality*: very high SNR_N for a low dose.
- High dynamic range.
- Easy system handling and comprehensive workflow.
- Full flexibility on IP sizes for scanning
- Simplified UI: only scan resolution is selectable, other parameters set automatically.
* SNR_N being the cornerstone of image quality according to actual NDT Standards & Codes.

Outcomes for you:

- **Very short exposure times:** higher throughput for your application.
- Best in class **SNR_N**: advanced inspection Quality level
- **More visible details**, particularly in the higher absorbed density range.
- A scanning process that leads to **less human errors**.

Pricing Overview.

An attractive pricing has been defined to ensure our customers can take advantage of this CRxVision technology upgrade:

CRxVision – Desktop computer with Eizo 3Mp monitor – Rhythm Upgrade:

- Standard new system pricing: 78.050 EURO – \$ 85.000
- Standard Upgrade pricing: 63.100 EURO - \$ 68.450
- **Trade-in pricing: 51.000 EURO - \$ 54.000**

CRxVision – Laptop computer – Rhythm Upgrade:

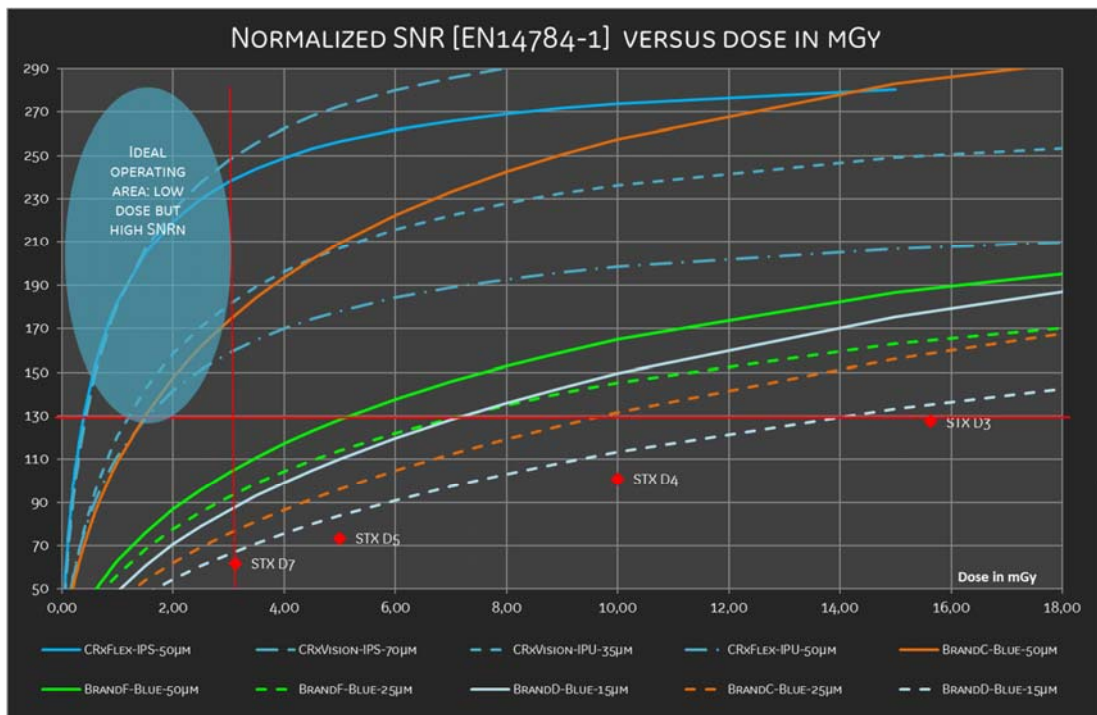
- Standard new system pricing: 72.750 EURO – \$ 79.400
- Standard Upgrade pricing: 57.850 EURO - \$ 62.850
- **Trade-in pricing: 45.000 EURO - \$ 48.500**

3. Performance overview of GE’s CR scanners.

The graph below gives an outline of the performance of GE’s CR scanners compared to other brands, based upon the applied dose (=exposure time) and the final obtained image quality (SNR_N), as defined in the NDT Standards.

Some explanations:

- SNR_N to be higher than 130 (EN14784-1 Class 1) or 200 (ASTM2546-15 Class Special)
- Customer’s expectation: exposure time < D7/C5 film exposure
- Thus, ideally operating in the upper left corner
- ISO Speed* - obtainable on independent certifications - is finally becoming an important factor in comparison of CR systems



*ISO Speed: dose required to reach the SNR_N necessary to fulfill the IP Class (e.g. IP Class 1: SNR_N > 130). The higher the number, the more sensitive the CR system is (or less dose it requires to reach the mandatory SNR_N).

4. What comes with this trade-in.

- o A brandnew CRxFlex V2 or CRxVision scanner.
- o A Workstation with high res monitor or a Laptop.
- o The latest released version of Rhythm RT and Review, including the already purchased software options. You have the possibility to add other options of your choice.
- o Installation and training on the new system (4hrs).
- o Transfer of your existing/actual image data to the new computer hardware (max. 8hrs).

Customer is responsible to return old scanner under the supplied RMA within 3 weeks. When not returned in time, full list price will be charged.

5. Who is eligible for this program and how long is it valid?

Customers actually using prior released GE's CR scanners with Rhythm – CR(x)50P, CRx25P, CRxTower, CRxFlex V1 - will be able to take advantage of this program, as they will benefit the most from this technology upgrade.

This special trade-in offering is valid from June 01 till 30 November 2017.

More technical details can be found in the available trade-in presentation. We are very excited to provide you with this latest innovation from GE, and look forward to being your partner in NDT.

GE is also offering alternative finance solutions, please contact your local Sales contact for additional details.

Best regards,

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