



CR imaging plate system

Certificate N°: BAM/ZBF/002/16



Bundesanstalt für
Materialforschung
und -prüfung

Hereby it is certified by the BAM Certification Body that the

Industrial CR imaging plate system

with the designation

CR^XFlex type 5176/200

in combination with

GE Inspection Technologies phosphor imaging plates IPS

meets the requirements of the highest CR system class IP 1 / 80 according to EN 14784-1:2005 and ISO 16371-1:2011, if the exposure dose is at minimum 0.44 mGy, for industrial computed radiography with phosphor imaging plates. This dose corresponds to a CEN speed and ISO speed of 2500 at a pixel size of 50 µm. CR system performance level I according to ASTM E 2446-15 for non-destructive testing is fulfilled at an ISO speed of 3200. The maximum basic spatial resolution is 80 µm. Other system classes (CEN/ISO: IP 2 / 80 to IP 6 / 80) and CR system performance levels (ASTM: level II and III) can be achieved with lower exposure dose values (see test report No. 8.3 / 7997a of 2016-04-28 for all characterization data). The spider net graph with the summary of the CR system characterization according to ASTM E2446-15 is presented on the back side of this certificate.

Certificate holder according to certification contract No. BAM-ZBA-0014-2006-GE IT:

GE Sensing & Inspection Technologies GmbH, Ahrensburg, Germany

System manufactured by AGFA HEALTHCARE N.V. in Germany.

The certification is performed according to standard ISO/IEC 17065:2012 and comprises a design type test (BAM Certification System I).

The products certified by BAM may be labeled with the BAM certification mark „BAM Baumustergeprüft“ and/or “BAM Design-type tested” together with the certificate number.

The certificate is valid until May 8th, 2020.

For Bundesanstalt für Materialforschung und -prüfung (BAM)
Unter den Eichen 87,12205 Berlin, **2016-05-09**

Dr. R. Schmidt
BAM Certification Body



Dr. U. Ewert
BAM Assessor

Distribution list: 1st Certificate holder

2nd BAM Certification Body

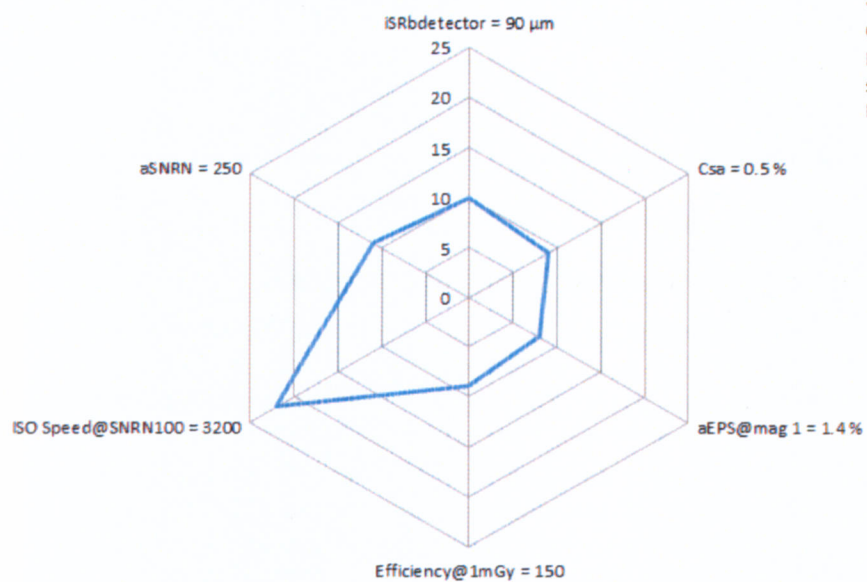
The BAM Certification Body has been accredited according to standard ISO/IEC 17065:2012 by the DAkkS (Deutsche Akkreditierungsstelle GmbH). The accreditation is valid for the scope given in certificate D-ZE-11075-21-00.

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Sicherheit in Technik und Chemie

CERTIFICATE

Qualification of CR^xFlex system with IPS plates



System parameters:

CR^xFlex scanner type 5176/200 S/N 2010

IPS plates LOT B2K1NR

scan resolution 50 µm

IP sensitivity 1000

Annex to
Certificate BAM/ZBF/002/16
of 2016-05-09