



## CR imaging plate system

**Certificate N°: BAM/ZBF/009/15**



**BAM**

Bundesanstalt für  
Materialforschung  
und -prüfung

Hereby it is certified by the BAM Certification Body that the

### **Industrial CR imaging plate system**

with the designation

### **Carestream INDUSTREX HPX-Pro Portable Digital CR System**

using

### **Carestream INDUSTREX Flex XL Blue imaging plates 5537**

of the manufacturer and certificate holder

**Carestream Health Inc.  
Rochester, NY  
USA**

meets the requirements of the highest system class IP 1 / 60 according to EN 14784-1:2005 and ISO 16371-1:2011 and IP Special / 60 according to ASTM E 2446-05 (2010) for industrial computed radiography with phosphor imaging plates for non-destructive testing, if the exposure dose is at minimum 2.2 mGy. This dose corresponds to a CEN-Speed and ISO-Speed of 500 at a pixel size of 50 µm. The maximum basic spatial resolution is 60 µm. Other system classes (CEN/ISO: IP 2 / 60 to IP 6 / 60; ASTM: IP I / 60 to IP III / 60) can be reached with lower exposure dose values (see test report No. 8.3 / 7936 of 2015-12-03).

The certification is performed on the basis of certification contract N° BAM-ZBF-0005-2010-Carestream 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 December 7, 2019.**

On behalf of Bundesanstalt für Materialforschung und -prüfung (BAM)  
Unter den Eichen 87, 12205 Berlin, **2015-12-08**

Dr. R. Schmidt  
BAM Certification Body



Dr. U. Ewert  
BAM Assessor

Distribution list: 1<sup>st</sup> Certificate holder

2<sup>nd</sup> 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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