Carestream

HPX-1 Diagnostic Tool

BENEFITS AT A GLANCE

- Economical way to check calibration in minutes
- Non-subjective and fully automated analysis
- No dependence on third party test instruments or complex procedures
- Archives data from previous 50 calibration checks for future reference
- Provides proof of system calibration and readiness before starting any job
- Eliminates the risk associated with using a system not operating within specifications

The HPX-1 Diagnostic Tool reduces your risk on any project by eliminating the guesswork surrounding system calibration. The Diagnostic Tool is simple to use, reducing the traditionally complex task of checking system calibration down to only a few minutes and the click of a button. No more guessing whether your system is operating properly before evaluating images. All system parameters checked are reported on and documented for proof that when you worked a specific job your system was in proper calibration. The HPX-1 Diagnostic Tool, helping you work better.

CALIBRATION CONFIDENCE

- Precise calibration of CR systems is critical to accurate imaging
- Provides documented proof of system readiness in minutes
- Ensures your system is functioning within factory specifications
- Eliminates the subjectivity typically associated with traditional manual calibration checking methods
- Eliminates reliance on expensive 3rd party calibration instruments and procedures
- Allows you to archive and view up to 50 previous test results to evaluate performance history

EXCEPTIONAL EASE OF USE

- Totally automated calculations make the job fast and easy
- No need to be an expert to interpret results
- Simple green, yellow or red status indicators tell you at a glance the condition of your system
- Simplifies routine calibration checks down to minutes for improved productivity
- Eliminates risk surrounding equipment readiness before any job

GOOD FOR BUSINESS

- Easy way to get proof of system performance whenever you need it
- Provides quick analysis of system condition to allow for maintenance when its convenient for you
- Simple to use, fits easily into regular workflow
- Testing takes only a few minutes freeing up hours of operator time compared with traditional methods
- Helps protect your HPX-1 Digital System investment
- Economical alternative to checking calibration

PARAMETERS MEASURED

- Pixel size, in fast and slow scan directions
- Pixel aspect ratio
- Scan non-linearity (fast and slow)
- Exposure latitude
- Noise and signal to noise ratio
- MTF (Modulation Transfer Function)
- Pixel placement error
- Field uniformity
- Transport chatter
- Banding
- Streaks

CARESTREAM NDT, PRODUCTS THAT EVOLVE WITH YOUR CHANGING NEEDS

Your business needs are constantly changing as are the demands from your customers. More and more companies today are looking for proof that not only your people are ready to perform the work at hand, but that your equipment is too. Carestream realizes this and continues to design products like the HPX-1 Diagnostic Tool based on user feedback so you can be sure that today, tomorrow and well into the future your business will always have the latest technology and support the industry has to offer.

And - as always - its technology designed and built specifically for the rigors of NDT.

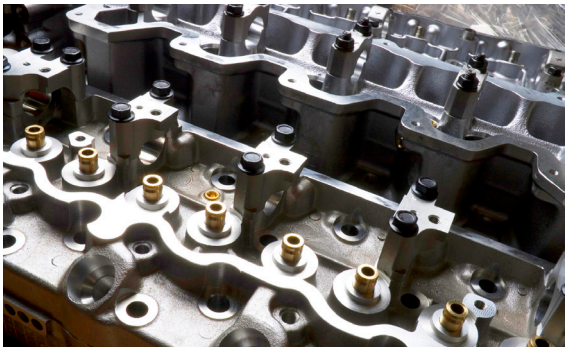
Our focus is on performance. All our digital radiographic products represent a complete end-to-end solution for CR non-destructive testing applications. We understand the industry needs for higher productivity and streamlined processes when evaluating critical test images. Put our performance-driven digital computed radiography solutions to work for you, any time, any place.

CARESTREAM NDT PRODUCTS ARE HARD AT WORK IN ALMOST EVERY INDUSTRY IN THE WORLD TODAY INCLUDING:

- Oil and Gas
- Aerospace
- Transportation
- Foundry and Castings
- Automotive
- Power Generation
- Military and Defense
- Agriculture
- Art Restoration and Museum Artifacts

Oil and Gas

Aerospace



Foundry and Castings

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Reorder Number DiagnosticKit