

ROLLS-ROYCE TESTED DÜRR HD-SCANNER: HD-CR 35 NDT AND HD-CR 43 NDT PASSED SUCCESSFULLY

DÜRR NDT proudly announces that it has successfully passed the evaluation of both HD-CR 35 NDT and HD-CR 43 NDT which are considered by Rolls-Royce as film replacement options.

The tests have been conducted in the main laboratory for all new techniques of Rolls-Royce, in Bristol, United Kingdom. The tests were carried out by Kevin F. Skuse, Rolls-Royce Radiography Specialist.

The conclusion of the tests reads as follows:

The DÜRR HD-CR43NDT and HD-CR35NDT exceed the requirements of RPS720 for both weld and casting inspection. Contrast resolution is equivalent to Kodak MX film on the components used for this evaluation. A geometric unsharpness of better than 0.010mm was achieved.

The HD-CR35NDT can scan different sizes of imaging plate up to 350 mm width and a length that is only limited by imaging plate manufacture as well as specially cut imaging plates that can be placed in flexible envelopes in a similar way to film if necessary, making it a suitable option for film replacement in fabrication areas where flat panel detectors cannot be used because of component geometry.

Both the DÜRR NDT HD-CR 43 NDT and HD-CR 35 NDT exceed the requirements of RPS720 for both welds and castings and proved equivalent to film for highlighting defects in the back to back tests carried out during this evaluation.



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