

LS-200 PA – полностью интегрированная система сканирования с традиционными ПЭП и УЗ на ФР

Engine disks are important components of turbine based jet engines. However, the stringent requirements of their ultrasonic inspection standards take a significant toll on manufacturing time.

One way of reducing inspection time is implementing the phased array ultrasonic inspection technique as part of the inspection plan.

ScanMaster is now introducing the LS-200 PA, a fully integrated phased array and conventional UT based immersion scanner for inspection of engine disks. The LS-200 PA system significantly increases inspection productivity while maintaining highest detection and evaluation capabilities.



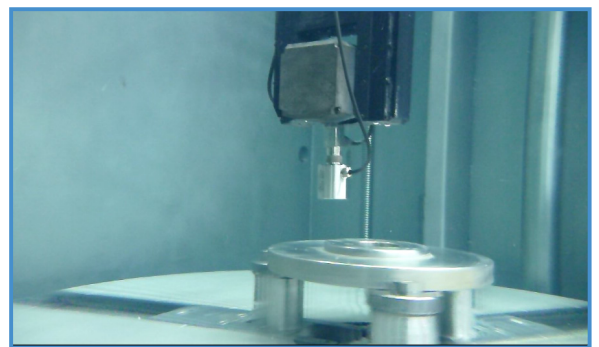
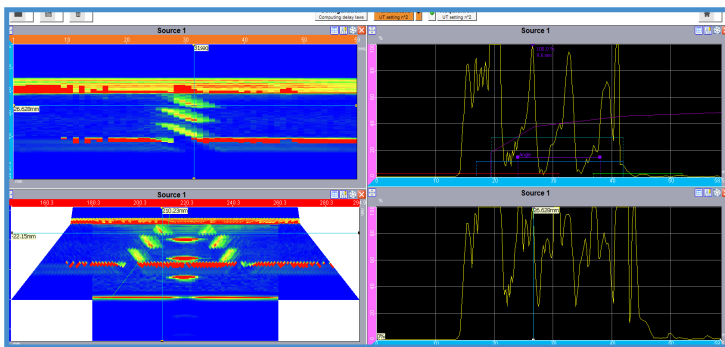
The LS-200 PA is based on the standard LS-200 Series scanner, which is equipped with a state-of-the-art fully parallel phased array instrument supporting linear, annular and matrix transducers, as well as a conventional high performance UT instrument.

The phased array and conventional transducers are directly connected to the standard gimbal-gimbal probe manipulator, and the system can be switched from phased array ultrasonic to conventional UT in a matter of minutes.

These UT technologies are fully integrated within an application-oriented version of ScanMaster's CSI (C-scan Imaging) software, supporting both conventional and phased array UT.

Phased array and conventional UT share the same scan definitions, data presentation and analysis tools, supporting well-established inspection and evaluation procedures.

The new system is able to perform in various UT modes such as multi-zone inspection, "one pass" scanning with different sound beam incident angles (longitudinal and shear waves), and more.



"Набор на ФР" включает в себя 128-канальный инструмент на ФР, линейные, кольцевые или матричные преобразователи и ПО, настраиваемое по специальным требованиям области применения. Набор может быть использован в качестве дополнения к существующим иммерсионным системам серии LS и DS Series, позволяя оператору применять традиционный ультразвук и УЗК на ФР на одной и той же системе.

CORPORATE OFFICES

ScanMaster Systems (IRT) Ltd.

5b Atir Yeda St., Industrial Park, Kfar Saba,
4464305, Israel
Tel: + 972 9 7791990
Fax: + 972 9 7791989
E-mail: info@scanmaster-irt.com
Web site: www.scanmaster-irt.com

ScanMaster (IRT), Inc.

319 Garlington Road, Suite B4 Greenville,
SC 29615, USA
Tel: + 1 864 288 9813
Fax: + 1 864 288 9799
E-mail: info@scanmaster-irt.com
Web site: www.scanmaster-irt.com

Эксклюзивный представитель ScanMaster в РФ

ООО «АктивТестГруп»

195220, Россия, г. Санкт-Петербург, пр.
Непокоренных, д. 47, лит. А, пом. 3Н
Тел.(812) 600-20-35
Тел.(812) 600-24-50
E-mail: office@activetest.ru