



**DCI Acquisition Corporation, Inc.**

**FOR IMMEDIATE RELEASE**

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**DCI ACQUISITION CORPORATION ANNOUNCES NEW ADDITION  
TO THE DISPLAYCHECK LINE OF MICRODISPLAY INSPECTION SOLUTIONS**

**Exeter, R.I., May 5, 2003**—DCI Acquisition Corporation (d.b.a. DisplayCheck) today announced that it has made an addition to the industry-leading DisplayCheck line of microdisplay test and inspection solutions. The new DisplayCheck model MDT-205L is a cost-effective microdisplay inspection system that provides a platform targeted at the projection industry for Quality Assurance and Quality Control use.

Microdisplays are used in next-generation information display devices such as rear-projection high-definition televisions and in front-projector applications such as conference room and digital home theater projectors. Commercialization of one such microdisplay technology, liquid crystal on silicon (LCoS), has been hampered due to the need for panel performance characterization in the projection engine assembly process. Currently, the panels must be installed in an optical engine to determine if the overall performance of the multiple panels is acceptable. This results in lower overall performance of the engine, lower yields of engines, a large number of reworks, and a lack of information to feed back to the panel supplier.

The new DisplayCheck model will allow for several panels to be evaluated each minute instead of the currently needed several minutes to test each panel. By providing an inspection suite geared for panel characterization, the MDT-205L provides the industry-proven DisplayCheck microdisplay inspection technology in a format that meets the needs of QA/QC operations without the extra investment required for production or R&D capabilities.

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“This newest model in the industry-leading DisplayCheck microdisplay tester family will allow projector companies to acquire the inspection technology that is necessary for their success,” stated Lewis Collier, President and CEO of DCI. “By packaging just the necessary components of the proven DisplayCheck processing in this new system, we are able to offer a lower TCO solution for the microdisplay projection marketplace”.

The new model MDT-205L is lower-cost version of the MDT-210L series that started shipping in 2001. The MDT-205L offers a subset of the overall DisplayCheck processing capabilities that is geared for panel characterization. The MDT-205L can acquire an image of the entire microdisplay in a single frame. This allows for very fast processing of panel characterization metrics such as throughput, contrast, uniformity, without requiring step and repeat scanning of the device. Optional processing includes a variety of measurements including spectral response, CIE color co-ordinates, flicker, and display response time.

The DisplayCheck model MDT-205L is currently available for orders with an expected shipping time of 6 to 9 weeks, depending upon necessary customizations for drive electronics interface and fixturing. The model MDT-205L has a base list price that starts at less than US\$100,000.

### **About DisplayCheck**

DisplayCheck is a leading supplier of machine vision systems used for inspection of the digital microdisplays that are used in devices such as projectors, HDTV, and head-mounted displays. DisplayCheck delivered the first commercially viable automated display test system suitable for use on a volume liquid crystal on silicon (LCoS) production line in April 2000. This technology has also been used to inspect other display technologies ranging from OLEDs to MEMS devices. Our mission is to provide the best possible service to our customers in the display industry so that they may deliver the highest-quality display devices. We shall accomplish this by designing, building, and supporting the most accurate, repeatable, and reliable display inspection solutions. For more information about DisplayCheck, visit our website at [www.DisplayCheck.com](http://www.DisplayCheck.com).

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