

Industry first from DaTARIUS and technotrans

Guangzhou, China, November 2004: DaTARIUS Technologies, a world leading supplier of test equipment and process optimization solutions, has announced the launch of its innovative Universal Stamper Checker. The first public demonstration of the system took place during this China Replication Expo 2004.

This universal system, can check both the thickness and roughness of stampers - all in a single system. This new product was developed in close co-operation with **technotrans** AG, a leading developer of galvanic processes for the optical media industries.

"There has been a great deal of controversy lately over stamper thickness and how to measure it," says Thomas Hackl CCO of DaTARIUS Group. "The Universal Stamper Checker was developed as a direct response to the demand from the industry for a test system that can not only check the quality of stampers, but is also easy to use."



Thomas Hackl, CCO, DaTARIUS Group with Stefan Knipper, Product Manager, technotrans, Peter Pohl, R&D Manager, DaTARIUS Group with the Universal Stamper Checker at the China Replication Expo 2004



Universal Stamper Checker

The Universal Stamper Checker is the industry's first system to standardize the measurement of stamper mechanical parameters. Testing can now be run as a simple single procedure that ensures full quality control independent of any operator influences.

This latest development, which complements the established range of DaTARIUS Stamper Analyzers, provides simple operation with swift results – less than two minutes for a complete analysis. The user-friendly operator interface is based around the DaTAVIEW™ software from DaTARIUS, with its unique Quality Web™ display system. Latest developments to enhance the user interface include a 3D visualization for Q1 2005.

The Universal Stamper Checker fits into any DaTARIUS Analyzer system (CS-5 upgrade required) and is available for all stamper formats. Measurements include stamper thickness, surface roughness, surface defects (top and bottom), stamper skew/flatness, and ECC indication (Good/Bad). The system also reads the barcode to allow simple identification of the stamper in the test report

"The importance of stamper quality is often overlooked," says Stefan Knipper, Product Manager of **technotrans**, "yet it is a vital component in the manufacture of good quality discs. The ability to check stampers easily and accurately has become increasingly valuable with the advances in optical media, particularly the higher speed and higher density formats, such as 16X DVDR, DVD+R DL and looking forward to HD-DVD and BD. We are delighted to have been able to work with DaTARIUS on this project and feel this product will assist in establishing a far higher quality and consistency of stampers throughout the industry."



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Editor's notes:

DaTARIUS is a world-leading supplier of test equipment, not only proving the quality of media but helping to improve quality through comprehensive products and services that embrace process optimization.

DaTARIUS produces quality control systems for all formats: pre-recorded, recordable, and rewritable, and its revolutionary DaTABANK™ technology is fully enabled for Blu-ray disc (BD) and HD-DVD testing.

While DaTARIUS test systems come under the general heading of measuring equipment, incorporating Analyzers and Evaluators, the product family extends into two further areas: process optimization, with the MF DisCo temperature optimization system; and inspection, with print label, disc orientation and Ident code validation.

DaTARIUS also offers extensive training through its service centres worldwide. For the last 19 years the company has been at the forefront of this technology and it is fully committed to the future of its customers.

technotrans concentrates solely on products and markets with high know-how and has achieved market leadership with regard to technology and economy in almost all fields.

The core competence areas are Print, CD/DVD and Services.

technotrans is a company operating world-wide, with sales and services outlets in 10 countries and agencies in many more.

*In the field of CD/DVD products **technotrans** has developed and produced equipment for the galvanic production of inserts for moulding machines, so-called matrixes, for the duplication of optical data storage media, such as CD and DVD.*

Apart from over 100 Installations in the field of optical discs, over the past two years several complete installations have been carried out in the microstructure industry.

