

R I M A G E[®]

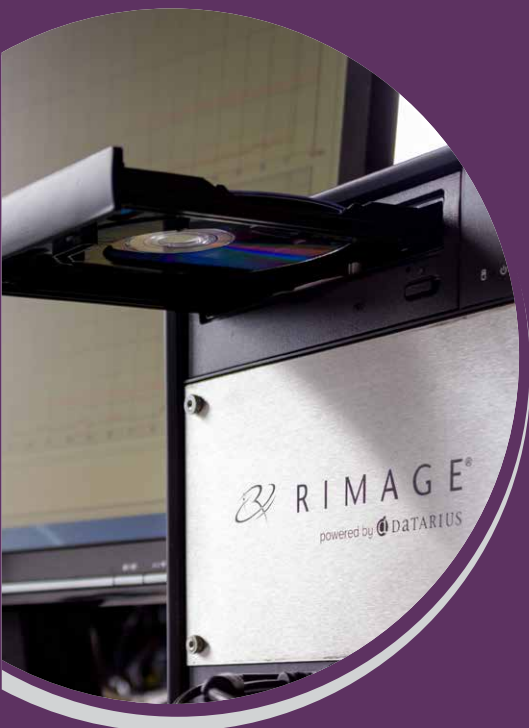
Media Tester & Analyzer

IF YOU ARE A REPLICATOR, DISTRIBUTOR, GOVERNMENT USER, INDUSTRIAL USER OR CD-R DUPLICATOR, YOU SHOULD ALWAYS VERIFY THE QUALITY OF THE PRODUCTS YOU PURCHASE OR RELEASE TO THE MARKET IN ORDER TO AVOID PROBLEMS.

Introduction

With over 25 years of experience Rimage is a world leading supplier of CD/DVD Robotics and complete media solutions. With our fundamental knowledge of disc production and the help of DaTARIUS, a world known manufacturer for optical media quality control, we have developed a media tester for optical media to ensure the highest quality in all media types produced.

The Rimage Media Tester & Analyzer is a highly professional system that makes CD/DVD/BD quality measurements affordable and opens up many new opportunities for quality control.



The Media Tester & Analyzer was developed to provide a fast, accurate and cost-effective measure of compact disc quality! It is designed to help bridge the gap between compact disc standards and consumer player compatibility. It provides a true measure of disc quality at multiple speeds, which helps the user determine the read and “playability” on the most common playback devices. With this detailed information on the readability of the media being used, you do not need to worry about archiving media that is already close to becoming unreadable. Simply use the information to create a copy of your backup when necessary to keep your data readable.

Here are some typical user scenarios where the Rimage Media Tester & Analyzer is very effective:

- **Quality Testing** – Industrial and Government customers produce important data on optical discs and send them around the world. A disc (CD/DVD) costs a few cents but it can cost 1000 € and lost time if it’s not readable at customer side. The Rimage Media Tester & Analyzer is used to provide assurance that the shipped disc has always perfect quality.
- **Service Provider testing**– The Service Provider can test produced customer discs (CD/DVD/BD) to check quality and avoid complaints. This will improve their customer satisfaction and ends up in a higher Net Promoter Score.
- **Storage testing** – No matter if you archive your valuable data for documentation, copyright protection, or anything else, you should always check the readability of your disc now to ensure that it will be fully functional and readable when you need it months or years later.
- **Ease of use and professional Design** – The Rimage Media Tester & Analyzer is modelled on technology which has long been in use in Stamping Houses. Pre-defined tests enable even an untrained operator to test CD-R, DVD-R and BD-R according to officially established specifications. In the past this was only possible through the use of very complicated and expensive technology and specially trained users.

Our systems are built using proven technology and design, combined with a user interface that is easy to use. All hardware and filtering are according to the Compact Disc, Digital Versatile Disc and Blu-ray Disc format specifications.

DID YOU KNOW?

Rimage Europe GmbH is certifying and testing all media we are selling. Each product needs to run through a variety of tests before it receives the Rimage Stamp of Approval.

Furthermore, we also using our Media Tester & Analyzer to randomly check our deliveries to ensure best customer satisfaction and high product standards.



System Architecture and Software

The Rimage Media Tester & Analyzer is a result of a joint project between Rimage Europe GmbH and DaTarius. The system is controlled from a stand-alone host computer in a small form factor, running Windows 7. The host application builds on the flexibility of the known DaTarius user interface and offers virtually any level of analysis.

The presentation methods suit both the most advanced users and line operators, offering single key test sequences and presentation in simple mode. In order to guarantee the best and easiest experience, Rimage configured the system to startup directly into the Datarius User Interface. Standard test sequences are prepared for easy operation without the need of training.

The enclosure is furthermore designed to ensure optimal signal properties and controlled airflow. The exterior design has a very small footprint so it can fit in nearly every working environment

Benefits at a Glance:

- Economical device for all optical media users
- User-friendly operation and service
- All formats CD/DVD in one unit (BD optional)
- Testing speed: CD up to 48x, DVD up to 16x
- Easy-to-handle quality assurance
- Increased efficiency, less waste
- Varying test methods: full, partial and layer change
- Includes a sector address viewer - to easily find and monitor problem areas
- Completely self-contained; no additional computer required

The Rimage Media Tester & Analyzer enables testing of diverse on-track parameters, including Jitter and digital errors. High speed, combined with the unique track sweep measurement (for open loop parameters), enables true high speed 48x-testing that dramatically reduces testing times. So it can easily keep up with your increased production speed and shorter cycle times, without sacrificing measurement accuracy.



MEDIA TESTER & ANALYZER

SUPPORTED FORMATS:	BD-ROM - SL/DL DVD-ROM - SL/DL DVD-RAM - SL/DL CD-ROM	BD-R / BD-RE - SL/DL DVD-R / DVD+R - SL/DL DVD-RW / DVD+RW - SL/DL CD-R / CD-RW
MEASURED SIGNALS: (NOT SPEC COMPLIANT)	BD DVD CD	Jitter, RSER, SERc, FE, TE, ASY, Modulation Jitter, PIE, PIF, FE, TE Jitter, BLER, E32, FE, TE
READ SPEED: (SELECTABLE)	BD DVD CD	up to 8x up to 16x up to 48x
INCLUDED SOFTWARE:	WINDOWS 7 Professional 32 Bit SP1 English DaTARIUS iDS version Adobe Reader X Teamviewer 6	
PC CONFIGURATION:	Housing: Shuttle XPC-SH81R4 black Processor: Intel® Celeron G1840 2,8G Memory: 2 x 2048 MB DDR3 RAM; HDD: SATA 3,5" 60GB SSD Specially selected and modified CD/DVD/BD drive Graphic onboard Interfaces: 8x USB 2.0, 2x USB 3.0, 1x HDMI, DVI-I, LAN, Audio	
PERIPHERAL EQUIPMENT:	Standard monitor (with HDMI interface for Blu-ray Discs), USB-keyboard (QWERTY), USB-mouse, USB-printer (monitor, keyboard, mouse and printer are not included)	
SPECIAL FEATURES AND STRENGTHS:	Limit checks X-scale view Measurement strategies Multi Test Function Data Export Dual Screen function Sector Viewer	Individually selectable limits for "green", "yellow" and "red" status indication In MB or radius across the complete data zone Full, partial or spot measurements – individual test positions per layer Choose your own order of tests (Transfer rate, Jitter, RSER/SERc, FE/TE etc.) Save your measurement results to your own measurement database Extended desktop, multi monitor display Enables targeted problem determination

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Rimage Corporation

7725 Washington Avenue South
Minneapolis, MN 55439 USA
Toll Free +1.800.445.8288

Rimage Europe GmbH

Albert-Einstein-Strasse 26
63128 Dietzenbach, GERMANY
Tel +49 (0)6074.8521.0

Rimage Japan Co., Ltd.

4F Arai #38 Bldg.,
2-7-1 Hamamatsu-cho,
Minato-ku, Tokyo 105-0013 JAPAN
Tel +81.3.6452.8780

Rimage Taiwan

2F.-7, No. 508, Sec. 5,
Zhongxiao East Road., Xinyi Dist.,
Taipei City 110, TAIWAN
Tel +886.2.2726.0100

Rimage Information Technology (Shanghai) Co., Ltd.

10B & 10C, World Plaza,
855 South Pudong Road
Shanghai, 200120 CHINA
Tel +86.21.5887.8906