

LM-1210(DVD)

DISC TESTER FOR MECHANICAL CHARACTERISTIC MEASUREMENT



**THE ULTIMATE DISC TESTER TO
SUPPORT THE IMPROVEMENT OF
THE QUALITY OF DVD.**

Not only for Research and Development purpose but also quality check on the production line, best solution to analyze the quality of DVD is provided.

As the leading manufacturer of the optical disc tester, LM-1200(DVD) are used over the world, where DVD is developed and manufactured.

As grade up model of LM-1200(DVD), LM-1210(DVD) will support the quality control of your global production.

**WE NEVER STOP DEVELOPING THE
TECHNOLOGY TO MEASURE THE
OPTICAL DISC.**

ONO SOKKI

LM-1210(DVD) DISC TESTER FOR MECHANICAL CHARACTERISTIC MEASUREMENT

FEATURES

1. Optical stylus method as measurement principle.
2. High accurate measurement by using high precise mechanical parts such as spindle and air slider.
3. Measurement parameters in accordance with the DVD book.
4. Measurement of track error/reflectivity/optical tilt as options.
5. CE marking (option).
6. Pass word function depending on the class of the operator.

LM-1210(DVD)



Measurement parameters

- Deflection
- Axial Deviation
- Axial run-out
- Axial acceleration
- Radial run-out
- Radial acceleration
- Eccentricity
- Circularity
- Tangential skew
- Radial skew
- Tilt
- Axial track error (option)
- Radial track error (option)
- 2D-Optical tilt[Tangential/Radial](option)
- Reflectivity (option)
- Space layer thickness (option)

System configuration

Main unit

- Air spindle and air slide table
- Vacuum clamp
- Pick up and signal processing unit
- Control unit/Motor drive unit /Power supply unit
- Isolation table against vibration
- Air clean module
- Housing case

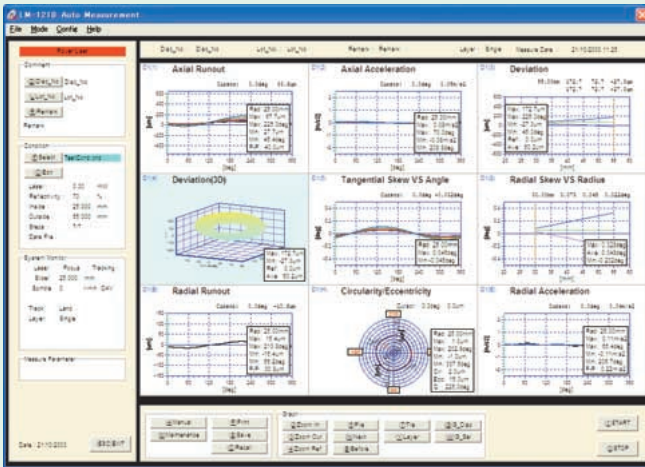
Computer and peripherals

- Personal computer
- LCD monitor(15 inch)
- Printer
- Computer table(Optional)

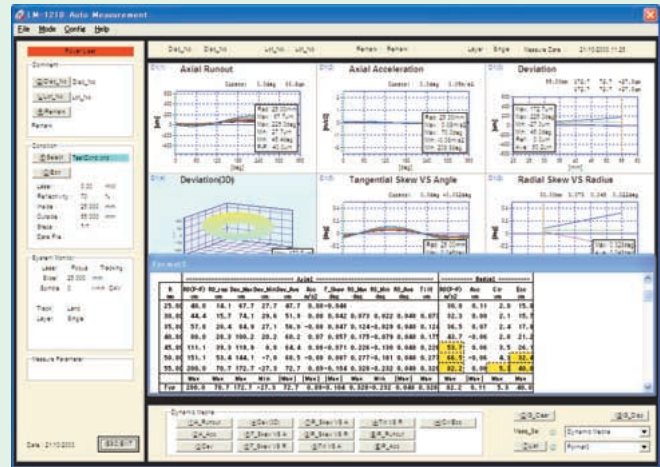
Software

- OS: Windows XP
- Application software of LM-1210(DVD)

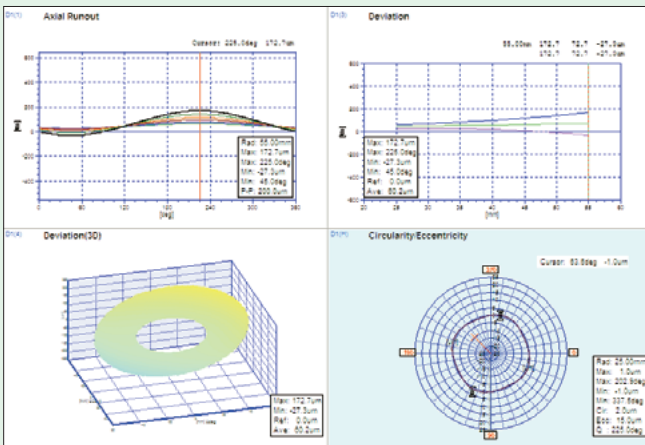
DISPLAY ON SCREEN



Auto measurement (Multiple graph format)



Auto measurement (list & graph format)



Combined graphic display

The screenshot shows the Password Change dialog box. It contains fields for Old Password, New Password, and Repeat New Password. Below these fields is a table with five columns labeled 1 through 5, each containing a password. The table also includes checkboxes for Password Change, Select Condition File, Edit Condition File, Judge Level, Manual Operation, Maintenance, Configuration, and Compensation. The dialog box has OK and Cancel buttons at the bottom.

Pass word setting

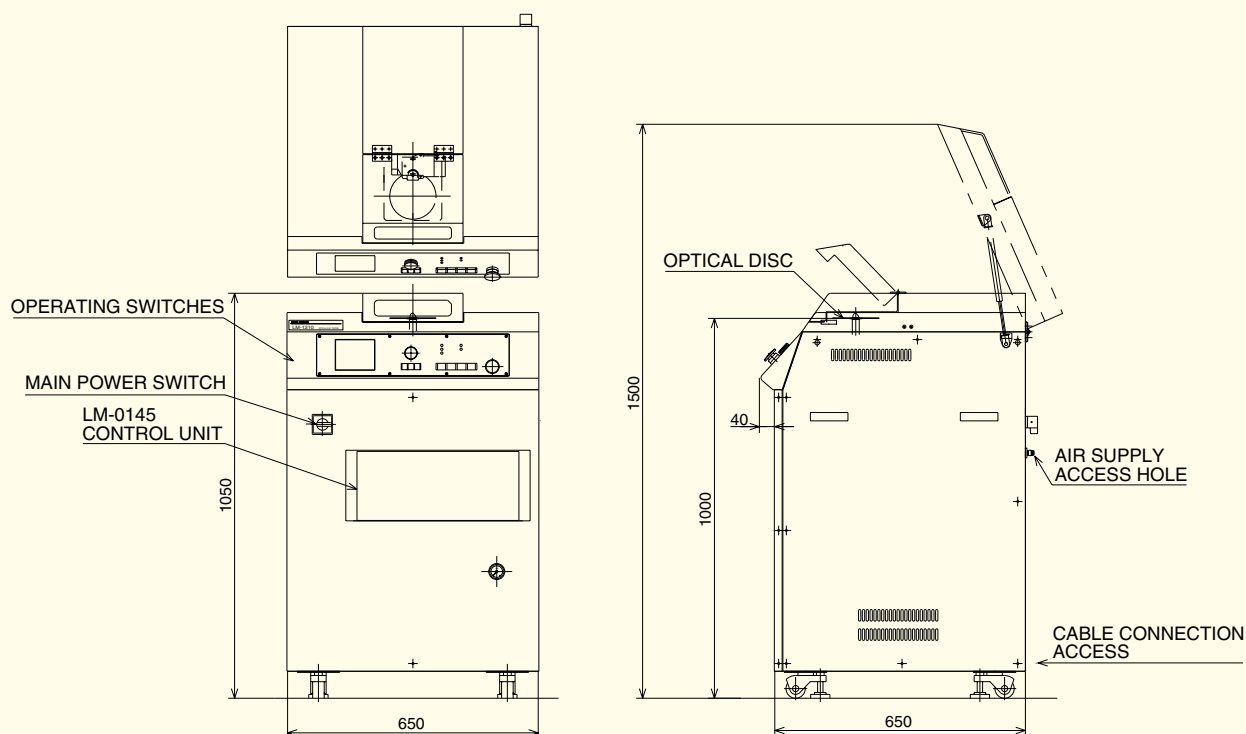
The screenshot displays the Set Condition dialog box. It contains a list of measurement parameters with checkboxes for enabling or disabling them. The parameters include Deflection(Axial), Deflection(Radial), Axial Runout(P-P), Axial Runout(M-R), Axial Deviation(P-Max), Axial Deviation(P-Min), Axial Acceleration, Tangential Skew(Axial), Radial Skew(Axial), Radial Skew(Radial), Radial Runout(P-P), Radial Runout(M-R), Radial Acceleration, Circularity, Eccentricity, and Track Cross. The dialog box also includes a section for Track Error and a section for Reflectedivity.

Condition set for OK/NG judgment

This screenshot shows the Set Condition dialog box with a focus on the measurement area. It includes a section for Measure Parameter with checkboxes for Static Measure, Dynamic Measure, Track Error, Alpha, Space Layer, and Reflectedivity. The dialog box also contains a section for System Condition with fields for Laser Power, Focus Search Position, Tracking Method1, and Tracking Method2. The bottom section includes a Data Output section with checkboxes for Print Out, List Save, and Data Save(Binary).

Condition set for measurement

External drawing



★Please contact us for the measurement of Blu Ray Disc or other disc.
 ★Outer appearance and specifications are subject to change without prior notice.

URL: <http://www.onosokki.co.jp/English/english.htm>

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