

LM-1210(DVD)

DISC TESTER FOR MECHANICAL CHARACTERISTIC MEASUREMENT

Discontinued
(Reference only)



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

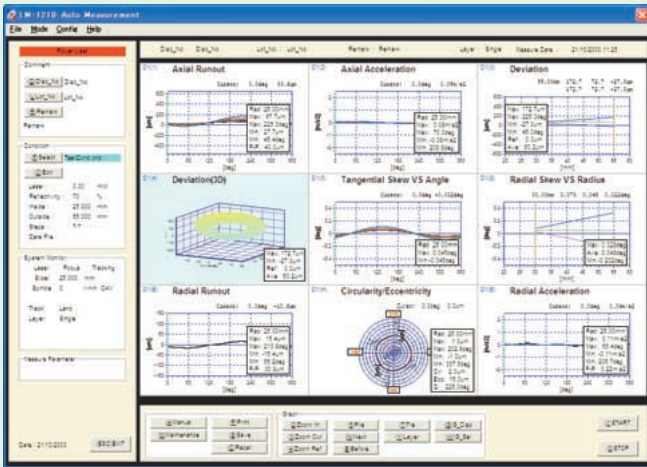
Computer and peripherals

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

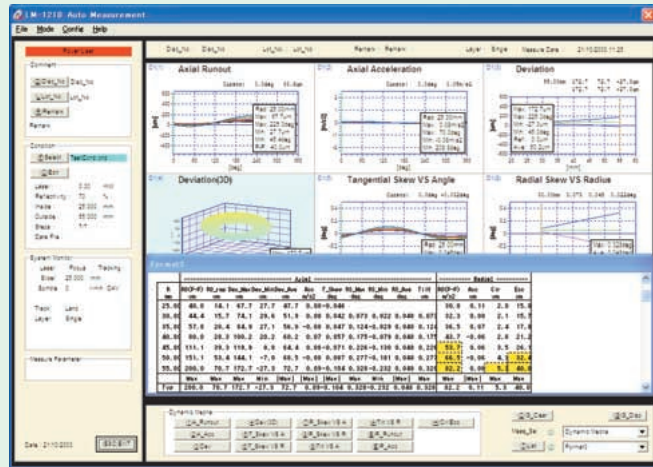
Software

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

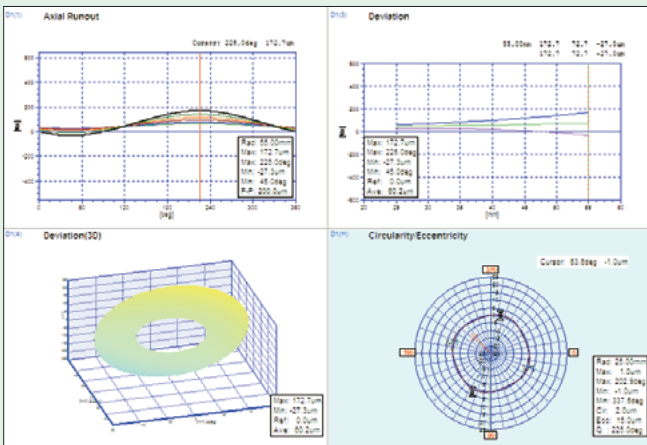
DISPLAY ON SCREEN



Auto measurement (Multiple graph format)



Auto measurement (list & graph format)



Combined graphic display

This screenshot shows a 'Password Change' dialog box. It contains:

- Fields for 'Old Password', 'New Password', and 'Repeat New Password'.
- A list of users: Power User, User1, User2, User3, and User4.
- Checkboxes for 'Password Change', 'Select Condition File', 'Edit Condition File', 'Judge Level', 'Manual Operation', 'Maintenance', 'Configuration', and 'Compensation'.
- 'OK' and 'Cancel' buttons at the bottom.

Pass word setting

This screenshot shows the 'Set Condition' dialog box for 'OK/NG judgment'. It is divided into several sections:

- Static:** Checkboxes for 'Deflectional' and 'Deflection(Axial)' with Min/Max values.
- Dynamic:** Checkboxes for 'Axial Runout(P)', 'Axial Runout(S)', 'Axial Deviation(P)', 'Axial Deviation(S)', 'Axial Deviation(P)', 'Axial Deviation(S)', 'Tangential Runout', 'Radial Runout', 'Radial Runout(P)', 'Radial Runout(S)', 'Circularity', 'Eccentricity', and 'Touch Cross'.
- Alert:** Checkboxes for 'Tangential Alert' and 'Radial Alert' with Min/Max values.
- Task Error:** Checkboxes for 'Radial Task Error' and 'Radial Task Error' with Min/Max values.
- Reflexivity:** Checkboxes for 'Reflexivity(W)' and 'Deviation' with Min/Max values.

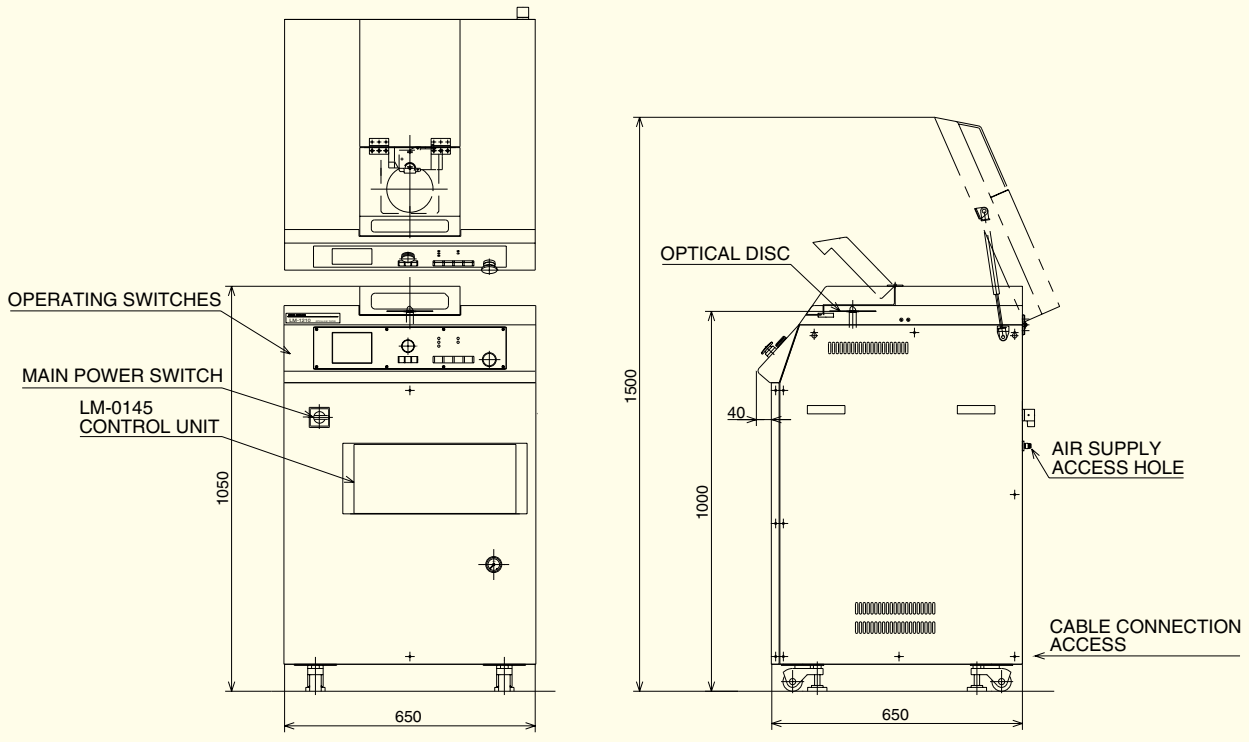
Condition set for OK/NG judgment

This screenshot shows the 'Set Condition' dialog box for 'measurement'. It includes:

- Measure Parameter:** Checkboxes for 'Static Measure', 'Dynamic Measure', 'Touch Error', 'Alert', 'Reflexivity', and 'Space Limit'.
- Measure Area:** Fields for 'Start Measure', 'Dynamic Measure', 'Touch Error', 'Alert', and 'Space Limit'.
- System Condition:** Fields for 'Laser Power', 'Focus Search Position', 'Tracking Method1', and 'Tracking Method2'.
- Data Output:** Checkboxes for 'List 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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