

## ADIVAN HD-DVD TESTER

Optimize your operation! Get reliable results at Low cost!



### HD-DVD 400 SINGLE & DUAL LAYER TESTER

Quality measurement of all types of formats and also to compare Data to Data.

#### Built for quality control to insure your HD-DVD manufacturing process

##### COMPLETE VERIFICATION

ADIVAN's HD-DVD Tester is designed to quality control of HD-DVD and HD-DVD Stamper of all norms. With this tester is also possible to read HD data. It can be used for bit to bit comparison between an HD replica disc and customer's original master. The HD-DVD Tester brings the power of testing to one more phase of the HD-DVD manufacturing process.

##### TEST MODE

Installed SW enables to test disc with full test or with quick test sequence. Users can edit and customize this standard setting to choose the measurement strategy. Connecting to the net, customer gets a great tool to use standard test SW together with Data Base. All people who are responsible for HD-DVD production can follow up the production process from any places and so fast influence HD-DVD production process.

##### FAST RESULTS

Working with the HD-DVD Tester will give you the green

light to proceed to molding in short times. So now the cost of "making sure" has dropped to near nothing and can be part of your standard process.

##### QUALITY AND RELIABILITY

ADIVAN has emphasized the optimization of the media production process. By developing equipment we flow our production experience directly into the design of new testers and easy understandable software. The broad range of quality control equipment is used in the data media replication industry world-wide.





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## PHYSICAL AND MECHANICAL PARAMETERS:

- Addressing by Sectors of Diameter
- Start, End Sectors
- Inner, Outer Diameter of Information Area
- Diameter of Middle, Lead Out Area

## MEASURED PARAMETERS:

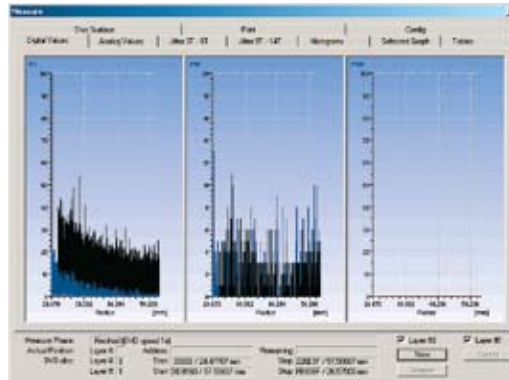
- Modulated Amplitude I11 / I11 H
- Modulated Amplitude I3 / I11 H
- Signal Asymetry I2 / I11
- Signal Asymetry I3 / I11
- Signal Asymetry I2 / I3
- Resolution I2 / I11
- Resolution I3 / I11
- Jitter
- Reflectivity
- Differential Phase Tracking Amplitude
- Differential Phase Tracking Asymetry
- Partial Response SNR
- Simulated Bit Error Rate
- Radial and Tangential beam deflection
- FE - Focus Error
- FO - Focus Offset
- RE - Radial Error
- RN - Radial Noise
- PIE - Parity Inner Error
- POF - Parity Outer Fail
- POE - Parity Outer Error
- Electrical specification of pick up unit
- Wave length: 405 ± 5 nm
- Numerical Aperture: 0.65 ± 0.01

## CONNECTIONS:

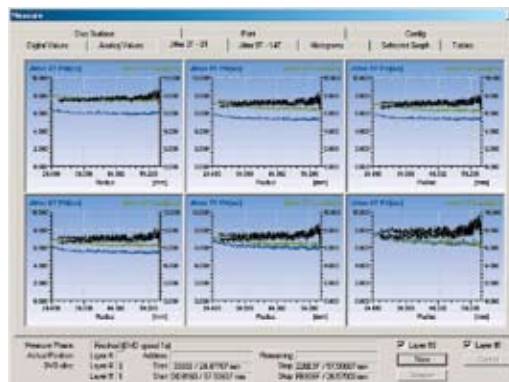
Power Supply: AC 100-240V, 50/60Hz, 500W

## PHYSICAL FEATURES

Height	990mm / 39 inches
Width	890mm / 35 inches
Depth	490mm / 19,3 inches
Weight	85 kg / 187 lbs



Digital Values



Jitter, Data to Data

## STANDARD CENTER DIAMETER OF STAMPER:

for HD-DVD: 22mm  
Any next diameter on request

## MAXIMUM STAMPER OUTER DIAMETER:

140mm

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### Adivan Solutions

For more information about Adivan Solutions please visit: [www.adivan.com/solutions](http://www.adivan.com/solutions)

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