

VERTICAL DEVIATION TEST BD-VIDEO

For Checking BD Players, BD Recorders and BD Drives ABD-540V Series

1. Purpose of use, Features

These are Vertical Deviation Test Discs designed for confirmation of focus servo ability and evaluation, measurement and adjustment of BD Players, Recorders and Drives.

2. Specifications

- ABD-540 is used as a material disc. Please refer to ABD-540 Product Introduction for basic parameters.
- The control point of Vertical deviation is the start position of Chapter16 (ϕ 114.8mm).
- Eccentricity, Center hole diameter

Eccentricity

ABD-540V1 : $\leq 20 \mu\text{m}$ (0-p)

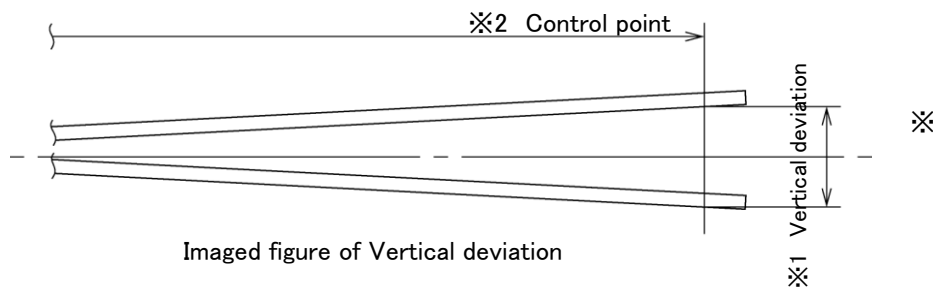
Other than ABD-540V1 : $\leq 10 \mu\text{m}$ (0-p)

Center hole diameter : 15 +0.04/ -0 mm

Model Name	Vertical deviation mm ※1	Control point mm ※2	Description
ABD-540V1	0.2 ±0.05	ϕ 114.8	
ABD-540V2	0.3 ±0.05	ϕ 114.8	
ABD-540V3	0.6 ±0.05	ϕ 114.8	For testing the maximum value specified in BD Specifications.
ABD-540V4	0.8 ±0.05	ϕ 114.8	
ABD-540V5	1.0 ±0.05	ϕ 114.8	

note) We define Vertical deviation here is the difference between max. and min. shift value of the recorded layer at the control point of ϕ 114.8mm in vertical direction when a disc rotating one revolution.

Therefore, the Vertical deviation of this table is indicated as p-p. (It is specified the axial run-out shall be 0.3mm max. (0-p) in the BD-ROM Part 1 Basic Format Specifications.)



Values in this sheet are measured by the equipments ALMEDIO-owned. Appearance and specifications are subject to change without notice.

<Proper handling of the disc>
Do not write on the surface with a pen and others, nor put a sticker on it.
Do not expose the disc to direct sunlight, nor leave it in the place of high temperature and high humidity.
After playing, store the disc in its own case.

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