

VERTICAL DEFLECTION TEST CD

For Checking CD eject for tray loading and slot loading TCD-793SU/ -793SD Vertical Deflection Series

1. Purpose of use, Features

These test discs are designed for confirmation of CD eject for tray loading and slot loading.

These test discs are upward warp/ downward bending at whole area of the disc, different kind of vertical deviation test disc.

It is simulated as the warped disc that is existing in the consumer market.

The warp value of this discs are larger than CD Standard Specifications.

Please refer to Attentions in handling on next page.

*** Besides listed below, customized test disc is also available. Please feel free to inquire.**

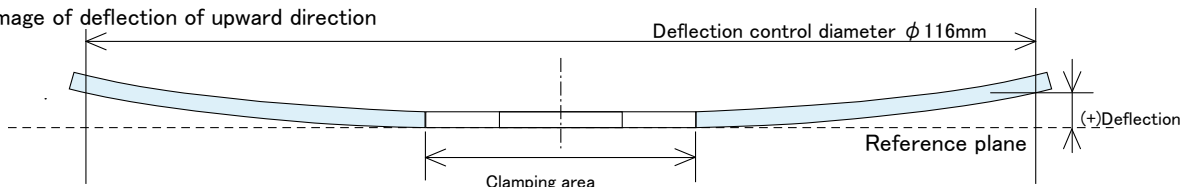
2. Specifications

- Disc type : Vertical Deflection CD-DA Disc
- Recorded Time : 1hr 14min 42sec
- Scanning velocity : 1.2 m/sec (for reference)
- Track pitch : 1.60 μ m (for reference)
- Center hole diameter : 15.0 +0.1/ -0 mm
- Eccentricity : < 70 μ m
- Deflection

(1) Deflection of upward direction

Model name	(+)Deflection of upward direction (Ave.)	Deflection control diameter ϕ 116mm
TCD-793SU10	+1.0 \pm 0.1 mm	
TCD-793SU15	+1.5 \pm 0.1 mm	
TCD-793SU17	+1.7 \pm 0.1 mm	
TCD-793SU20	+2.0 \pm 0.1 mm	
SCD-8901	+0.6 \pm 0.1 mm	
SCD-8903	+0.8 \pm 0.1 mm	

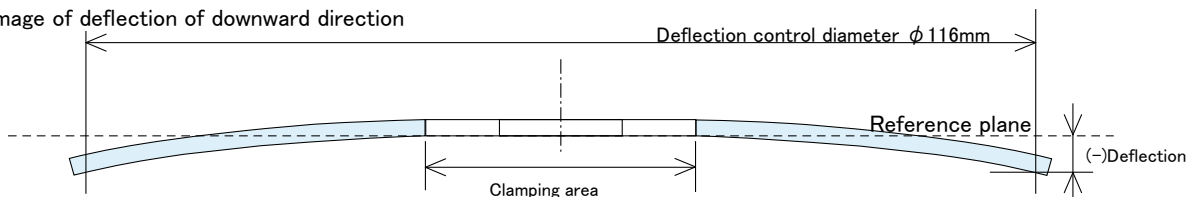
Image of deflection of upward direction



(2) Deflection of downward direction

Model name	(-)Deflection of downward direction (Ave.)	Deflection control diameter ϕ 116mm
TCD-793SD10	-1.0 \pm 0.1 mm	
TCD-793SD15	-1.5 \pm 0.1 mm	
TCD-793SD17	-1.7 \pm 0.1 mm	
TCD-793SD20	-2.0 \pm 0.1 mm	
SCD-8902	-0.6 \pm 0.1 mm	
SCD-8904	-0.8 \pm 0.1 mm	

Image of deflection of downward direction



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3. Contents

Track No.	Time		Contents	Track No.	Time		Contents
	min	sec			min	sec	
1	2	01	1 ère Gymnopédie	9	3	46	1 ère Gymnopédie
2	2	10	1 ère Gymnopédie	10	4	25	1 ère Gymnopédie
3	2	17	1 ère Gymnopédie	11	5	37	1 ère Gymnopédie
4	2	24	1 ère Gymnopédie	12	6	56	1 ère Gymnopédie
5	2	32	1 ère Gymnopédie	13	12	22	1 ère Gymnopédie
6	2	40	1 ère Gymnopédie	14	8	22	1 ère Gymnopédie
7	2	47	1 ère Gymnopédie	15	9	45	1 ère Gymnopédie
8	5	34	1 ère Gymnopédie	16	0	04	1kHz -20dB L&R
TOTAL TIME (Including pause time) 74min 42sec							

4. Attentions in handling

- The angular deviation of the reflected beam is not also up to CD Standard Specifications. Therefore, all of the parameters of the disc are unwarranted expect to disc warp value. In addition, this disc may cause abnormality or damage in pick-up and mechanism.
- Please use this product in normal temperature.
- Do not use this product in environmental test or endurance test.

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<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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