

DEFECTS TEST CD

For Checking CD Drives

TCDR-745

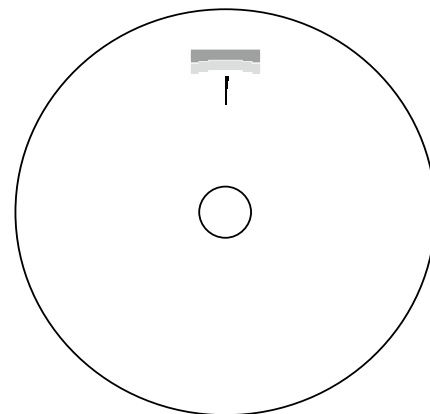
1. Purpose of use, Features

TCDR-745 is CD-ROM Test Disc designed for various kinds of confirmation of operation and playability of CD Drives etc. It is simulated stains and fingerprints on the surface of a disc by Black Bands and Fingerprints. Black Bands are processed as staircase type from 0.4mm to 1.0mm width. It is available to check with respect to each 0.2mm step of 4 steps. Microscopic dimension of dots are managed on Fingerprints area. Disc format is ISO9660 CD-ROM Mode1. It is available to use for read-in, play back operation, evaluation, measurement and adjustment.

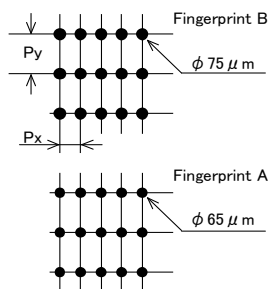
2. Specifications

- SCD-3910 is used as a material disc. Please refer to SCD-3910 Product Introduction for basic parameters.
- Disc type : CD-ROM Defects disc
- Scanning velocity : 1.2 m/sec (for reference)
- Track pitch : 1.6 μ m (for reference)
- Center hole diameter : 15 +0.1/ -0 mm
- Eccentricity : < 70 μ m 0-p
- Radial tilt (β angle) : $\leq \pm 0.6$ deg
- Defects specifications

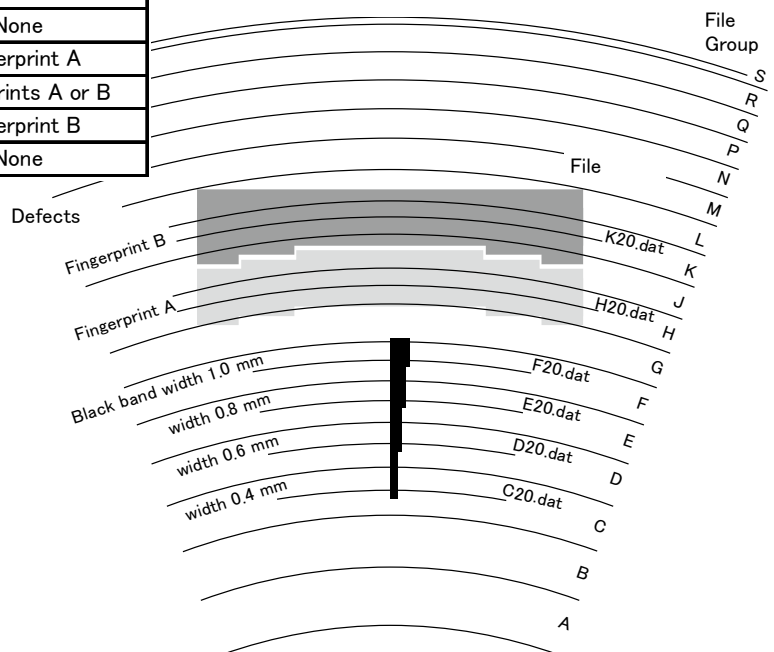
File group	File	Defects
A	-	None
B	-	None
C	C20.dat~D03.dat	Black band width 0.4 mm
D	D20.dat~E03.dat	Black band width 0.6 mm
E	E20.dat~F03.dat	Black band width 0.8 mm
F	F20.dat	Black band width 1.0 mm
G	-	None
H	H20.dat	Fingerprint A
J	J005~J20.dat	Fingerprints A or B
K	K20.dat	Fingerprint B
L ~ S	-	None



Imaged figure of Defects (Read-out side)



Clearance of respective dots mm
 Tangential direction : Px=0.125
 Radial direction : Py=0.25
 Details of Fingerprints



Positional relation of Defects and Data Files

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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