



DISCx000 Bare Blue Laser Media Series Technical Data

Dimensions and Weight

	DISC1000	DISC3000	DISC4000	DISC7000
Floor Space in m ²	0,2	0.27	0.27	0.27
Width JB / JB incl. Stands	300 mm	365/620,5 mm	365/620,5 mm	365/835 mm
Height	410 mm	780 mm	980 mm	1500 mm
Depth	680 mm	730 mm	730 mm	730 mm
Weight (without media) incl. drives	27 kg 2	55 kg 6	70 kg 6	110 kg 14

Power Consumption in Watt

	Average	Peak
DISC1000	120	220
DISC3000	140	345
DISC4000	180	450
DISC7000	240	920

Autoswitching Power Supply

	Single		Redundant	
	100 – 120 V AC	220 – 240 V AC	100 – 120 V AC	220 – 240 V AC
Voltage	100 – 120 V AC	220 – 240 V AC	100 – 120 V AC	220 – 240 V AC
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Current	2A	4A	4A	8A

Thermal Emission in BTU

	Average
DISC1000	409
DISC3000	478
DISC4000	614
DISC7000	819

Operating Conditions

Ambient temperature	10°C - 40°C	50°F - 99°F
Gradient of temperature	11°C/h	20°F
Relative humidity	10% - 75% non condensing	

Robotics Timing in seconds

	Average time to swap media
DISC1000	2
DISC3000	3
DISC4000	4
DISC7000	6



SCSI Cable Requirements

The quality of the SCSI cables affects the reliability and usage of a SCSI system. The SCSI - III standard defines the characteristics of good cables. They are 100 % shielded round cables that contain 34 twisted pairs of wires. Each pair should have a characteristic impedance between 90 and 110 ohms. The wire gauge should be 26 or 28. Most SCSI cables do not meet these requirements.

Connector plating, shielding, grounding, strain relief, and the way the wires are routed in the sheath all affect the quality of your connection. It is advisable to use only high quality SCSI cables.

Only best shielded 34 pair high quality AWG33 universal LVD SCSI cables that meet the European Directive 2002/EC, Issue 13.02.2003, for RoHS compliance must be used to connect the DISCx000(U) robotics and drives!

The max. cable length of the external library – host interconnecting LVD SCSI cable may be 9 meters.

Every library (jukebox) SCSI bus requires its own HBA channel !

No other external or server-internal devices may be connected to the same bus that is connected to the jukebox robotic or drives!

DISC recommends Adaptec AHA39160 dual channel SCSI host adaptors.

Ultra 320 SCSI adaptors have to be checked for support of optical devices.

The DISC libraries do have for every internal LVD SCSI bus 1 screw able female 68pin HD connector at the back panel of the machine.

Bridges to FibreChannel or iSCSI are usable.

DISC recommends the ATTO FC bridges 2390 or 2400 and the ATTO iSCSI bridge 1550.

For more information please ask your reseller

Or the DISC support under support@disc-gmbh.com