

4TH GENERATION DISC-PUBLISHING SYSTEM

DISCSPRINTER



Next Generation von Disc Publishing

Der DiscSprinter von TEAC ist ein on-demand Disc Publishing System der vierten Generation und ein störungsfreies „out of the box“ Produkt. Die vielfältigen Anwendungen und Einsatzfelder in der Medizintechnik, der Archivierung, der Audio-, Video-, Photo- und Broadcasting-Industrie haben TEAC inspiriert, dieses perfektionierte System zu entwickeln.

Das gleichzeitige Greifen von zwei Medien gehört ab sofort der Vergangenheit an. Der Arm der Robotik sowie eine patentierte Greifmechanik lösen mit einem speziellen Finger das untere Medium vor dem Transport ab. Das fünffache Ablagefach des DiscSprinters wurde für die besonders hohen Anforderungen der BD Technologie konzipiert.

Zum DiscSprinter gehören neben der Robotik mit einer Vorlage für 100 Medien

- der P-55C Thermo-Re-Transfer Drucker mit der höchsten Druckauflösung für CD/DVD und BD Medien in der weltweit einzigartigen Dye-Sublimation- oder Thermofusion-Technologie,
- zwei Rekorder der neuesten Generation (DV-W5000E)
- ein integrierter PC mit zwei Festplatten,
- die Next Generation Publishing Software mit 5 Clients floating, wahlweise als Microsoft.Net Applikation oder als Web Client sowie
- ein SDK-Script zur Integration in Ihre Applikation

Ausgestattet mit bis zu zwei professionellen DV-W5000 Rekordern (20x).
Optional bis zu drei BluRay Rekorder (4x).

Equipped with up to two professional DV-W5000 recorder (20x).
Optional: up to three BluRay recorder (4x)!



Bedruckung von CD/DVD und BluRay in fotorealistischer Qualität mit einem integrierten P-55C Drucker.

Printing of CD/DVD and BluRay media in photo realistic quality with a P-55C printer.



Zwei 50 Disc input bins; ein 100 Disc output bin.
Collator output bin für fünf Discs.

Two 50 disc input bins; one 100 disc output bin.
Collator output bin for five discs.



Next generation disc publishing

The DiscSprinter from TEAC is a fourth generation on-demand disc publishing system and a trouble-free “out of the box” product. The wide range of applications and possible uses of the product in the medical technology, archiving, audio, video, photo and broadcasting industries inspired TEAC to develop this perfected system.

The simultaneous grabbing of two media is now a thing of the past. The robot arm and a patented grab mechanism use special fingers to release the bottom medium before it is transported. The five-way storage tray on the DiscSprinter has been designed to satisfy the particularly high requirements of BD technology.

In addition to the robot system with a feed system for 300 pieces of media, the DiscSprinter also comprises the following:

- The P-55C thermal re-transfer printer with the highest print resolution for CD/DVD and BD media using the unique dye sublimation or thermal fusion technology
- Two of the latest generation of recorders (DV-W5000E)
- An integral PC with two hard disc drives
- The next generation publishing software with 5 clients floating, To order either as a Microsoft.Net application or as a web client
- An SDK script for integration in your application





TECHNICAL SPECIFICATIONS

Explorer1 Plus SPECIFICATIONS

Printing methods: Thermal re-transfer Printing Dye-Sublimation / Thermal-fusion

Print resolution: 400dpi variable dot technology

Print tone: 24-bit full Color 256 gradation levels per Color, CMYK

Media: 12 cm/8 cm CD/DVD and 12 cm BluRay discs

Unit of loading printer: one unit

Ribbon capacity: 500 images on CD/DVD per ribbon (Photo/Color/VersaMax), 2.000 images on CD/DVD per ribbon (Black/White)

Media stock capacity: supply bin: 200 discs; output bin: 200 discs; production: 300 discs

Interface: embedded PC system, incl. network, Gigabit Ethernet, 1000BASE-T 10/100/1000 BASE-T) connector RJ45

Operating temperature: 15-30°C

Power requirement: AC100-AC120V±10%, 50/60Hz, AC220-AC240V±10%, 50/60Hz

Dimensions (mm): 450(W)x650(D)x540(H)

Weight: 56.6 kg (robot) + 19 kg (printer)

Includes: 3xDV-W5000E; 5x Web Client; API Software

Option: Up to three BluRay-recorder (4x)

Please note: delivery without monitor, keyboard and mouse

DISC SPRINTER SPECIFICATIONS

Printing methods: Thermal re-transfer printing Dye-sublimation /Thermal-fusion

Print resolution: 400dpi variable dot technology

Media stock capacity: 50+50 Input, removable Disc Bin; 5x Sorter + 100 Output Bin

DVD burner: 2x TEAC Professional Drive DV-W5000 (3rd drive is optional); BlueRay optional

Print tone: 24-bit full color 256 gradation levels per color, CMYK

Printable image size: 12cm/8cm CD/DVD size; 12 cm BluRay discs (optional)

Interface: embedded PC system, incl. network, Gigabit Ethernet, 1000BASE-T 10/100/1000 BASE-T) connector RJ45

Application software: TEAC (Linux) or PoINT (Windows)

Dimensions (mm): 6000(H)x365(W)x660(D)

Weight: 51.2 KG (altogether)

DISCATHLON 2 SPECIFICATIONS

Supported interface: USB 2.0

Disc Loading Method: designated mechanism

Network support: No support

Supported OS: Windows 2000 Professional, Windows XP Professional

Operating Environment Temperature: 15-30°C, Humidity: 30-70% (no condensation)

Power requirement: 100VAC-240VAC±10%, 50/60 Hz

External Dimensions (mm): Approx.

508(W)x776(D)x552(H) for one printer installed

Approx. 508(W)x776(D)x572(H) for two printers installed

Weight: Approx. 57.2 kg for one printer installed

Approx. 79.2 kg for two printers installed

Printing Speed: Photo: 65 sec. · Color: 60 sec. · Versa-Max: 55 sec. · Black: 25 sec.

Features: runs two CD+DVD printing jobs simultaneously; 300 CD's or DVD's capacity; TEAC-engineered robotics technology; enclosed dust-resistant design

Please note: two P-55C printers can be operated simultaneously, PC required

P-55C SPECIFICATIONS

Printing methods: Thermal Re-transfer Printing

3 ribbon types: CMYK Photo, CMYK Color, Versa-Max, Black/White

Media: 12 cm CD/DVD and Blu RayDisc, 8 cm Mini Disc, Business Card Adapter optional

Ribbon capacity: 500 discs per ribbon (Photo, Color, VersaMax), 2,000 discs per ribbon (Black/White).

Printing speed: Photo: 65 sec. · Color: 60 sec. VersaMax: 55 sec. · Black/White: 25 sec.

Interfaces: IEEE1284 ECP; USB 2.0

Printer driver: Windows 2K/XP, Linux Redhead 7.2

Power voltage: AC100-120V, 200-240V, 50-60Hz

Power consumption: 500W or less

Dimensions (mm): 302(W)x242(H)x390(D)

Weight: 22 KG

Warranty: 1 year

P-55C ST SPECIFICATIONS

Printing methods: Thermal Re-transfer Printing

3 ribbon types: CMYK Photo, CMYK Color, VersaMax, Black/White

Media: USB Memory Sticks

Ribbon capacity: 500 sticks per ribbon (Photo, Color, VersaMax), 2,000 sticks per ribbon (Black/White).

Printing speed: Photo: 65 sec. · Color: 60 sec. VersaMax: 55 sec. · Black/White: 25 sec.

Interfaces: IEEE1284 ECP; USB 2.0

Printer driver: Windows 2K/XP

Power voltage: AC100-120V, 200-240V, 50-60Hz

Power consumption: 500W or less

Dimensions (mm): 302(W)x242(H)x390(D)

Weight: 22 KG

Warranty: 1 year

P-55C includes CLEANING CARTRIDGES

- Improve maintainability
- Easy operation
- Stable cleaning result

Cleaning cartridges for printer heads



Cleaning cartridges for platen roller

