Stack Plates. Print Quad. CyBio QuadPrint

Lab Automation





CyBio QuadPrint

Compact, robust, versatile – the CyBio QuadPrint high-throughput label printer makes your labeling processes safe and reliable, with maximum walkaway time.



Save your valuable lab space -

Small footprint despite high capacity microtiter plate storage Printer and plate storage form a unique unit that enables fully automated microtiter plate (MTP) loading, labeling and storage on a comparatively small footprint. Thanks to the reduced required dimensions of the device, the CyBio QuadPrint can be operated on the standard laboratory bench or integrated into automation systems.

Operate reliable and reproducible – Harmonic device and software technology

The reliability of the system is achieved through robust device technology combined with error-tolerant device control. The combination of CyBio Composer with the improved CyBio PrintStudio enables reliable operation of the CyBio QuadPrint. This includes the ergonomic design of label layouts as well as the import of label lists and printing of MTP labels. Thanks to a low-maintenance, high-performance label printer and suitable labels, the system easily can withstand the rough conditions in production environments.

Technical Data

System features	
System requirements	 Air pressure, >5 bar (workin Connection pressure hose: c Stacker: 100-240 VAC, 50/c Printer: 100-240 VAC, 50/c
Network requirements	Interface: RS232 9pin Sub-D
Physical dimensions (WxDxH)	 CyBio QuadPrint HQ: 732.5 CyBio QuadPrint HQ-M: 933 CyBio QuadPrint HQ-L: 932
Labeling rate/ throughput	Less than 10 sec for labelingLess than 25 sec for labeling
Plate specifications	ANSI SLAS format, shallow we
System capacity	 2 types of stack lengths (sta 4 stacks with a total capacit
Barcode/barcode types	 4 MTP sides can be labeled All common barcode/text ty
Label size (W x H)	66.0 x 5.5 mm/ 7.0 mm
Label characteristics	 Resistant to acidic, basic aqu Operating temperature: -40
Software	CyBio Composer and CyBio Pri

Ensure high process stability and efficiency – Precise printing

The precise labelling of the microtiter plates by the CyBio QuadPrint allows the required process stability in pharmaceutical and life science laboratories, especially in downstream applications. The accurate positioning of a easily readable label ensures the successful reading of the barcode and thus a trouble-free execution of the workflow. Special diligence is required when applying long, thin labels, such as those used for labeling microtiter plates. Automating the labeling process leads to a prevention of human errors and an increased efficiency in laboratory processes.

Reach maximum flexibility – Increasing throughput without compromise

The CyBio QuadPrint has a very high stacker capacity (up to 280 MTPs) and allows the processing of different microplate formats in ANSI SLAS format. The combination of excellent labeling speed, a comprehensive database with predefined microplate parameters and a wide range of label contents (barcode, text, 1D and 2D) makes the CyBio QuadPrint a flexible partner in automated high-throughput labeling.

ng pressure 4.5 bar) outer diameter 8 mm, ′60 Hz 60 Hz

5 mm x 424.2 mm x 726 mm 2.5 mm x 441.8 x mm 1095.7 mm 2.5 mm x 441.8 mm x 1295.7 mm

ng 1 side (including get and store plate) ng 2 sides (including get and store plate)

ell, deep well, high base, low profile microplates, tip boxes

andard 555 mm, extended 755 mm) ty of up to 280 plates (stack length 755 mm)

ypes 1D and 2D

preous solution, detergents, alcohols and organic solvents such as DMSO D $^\circ\mathrm{C}$ to +99 $^\circ\mathrm{C}$

intStudio

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