

Microplate Storage CyBio QuadStack

Lab Automation



CyBio QuadStack

The CyBio QuadStack raises the bar for „next generation microplate storage devices“. With four stacks, the CyBio QuadStack offers the most compact setup with a capacity of up to 260 microplates and saves valuable lab space. Three different stack lengths are available. The ergonomic design of the stacks featured with doors allows user-friendly loading and unloading of plates.

The CyBio Composer software guarantees easy system control. With different access modules, the CyBio QuadStack provides you with ultimate flexibility and high speed with the smallest footprint.

CyBio QuadStack features:

- Small footprint (370 mm x 380 mm)
- Versatile and reliable
- Easy to use



Technical Data

| System features | | |
|-----------------|--|--|
| Capacity | 4 stacks with a total capacity of up to 260 plates, 3 types of stack lengths (short 265 mm, standard 555 mm, extended 755 mm) | |
| Labware | SBS standard microplate, PCR plates, DW plates, stackable third-party tip boxes | |
| Speed | 4 seconds to present a plate | |
| Footprint | 370 x 380 mm | |
| Comfort | Ergonomic design for user-friendly loading and unloading of plates. Rotation of upper part for front access to all stacks | |
| System control | CyBio Composer, CyBio Scheduler, ActiveX and .NET compatible Interfaces | |
| Modularity | Basic unit in combination with access module available | |
| Access modules | | |
| LCM | Lift Center Module | as park module for robotic pick up |
| LLM | Lift Link Module | lifter mechanism to enable compatibility with CyBio Well vario and CyBio Well |
| LTM | Lift Turn Module | lift and turn unit for high speed barcode print and presenting microplate for robot pick up in both orientations |

The operation possibilities



CyBio QuadStack as stand-alone unit with LCM for integration into a robotic based platform e.g. CyBio automation platform with LCM or LTM.



CyBio QuadStack in combination with **CyBio Well vario** has triple capacity compared to previous stacker generation.



CyBio QuadPrint. Most compact print and apply system on the market. Presenting the microplate for labelling on all four sides. Direct transfer from stack to label position without additional plate movement.



CyBio QuadStack in combination with **CyBio Well vario** with 10 place deck. Direct microplate transfer on and off deck to all 10 positions without the need of additional plate movement units.

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Pictures: Analytik Jena GmbH
Subjects to changes in design and scope of delivery as well as further technical development!

Version 1.0 en - 12/2020
844-CMA012-2-B
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