

Input/Output module

The **H**igh **S**peed **S**orter

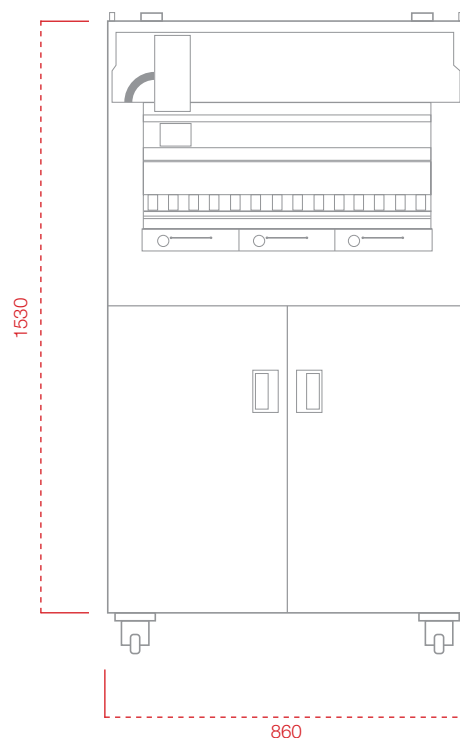


DATA SHEET

Input/Output module

Feeding in, sorting, removing sample tubes

- For open or closed sample tubes
- Several modules can be used per system
- Platform layout specific to laboratory



860 x 760 x 1530 mm (W x D x H)

Technical specifications

Tube types:	Open or closed in a rack Length: 80-110 mm (with cap) Diameter: 11-16 mm
Platform:	1, 2, or 3 drawers to hold various racks Space for up to 600 tubes in total Layout specific to laboratory, can be modified with FlexPlates
Throughput:	Up to 1,200 tubes/hour
Measurements:	See diagram
Weight:	approx. 146 kg (if IO is module 1) approx. 115 kg (if IO is module 2 or 3)

The IO module is used to feed in, sort and output sample tubes in the HSS system. It can handle open and closed tubes in racks. Analysis systems generally use proprietary rack variants in different shapes. For use in the IO module, linear racks (for stability) are positioned in stainless steel trays. Rotor-shaped, wedge-shaped or tray-shaped racks are placed in grooves on the platform. An XYZ unit with a gripper removes tubes from the racks or places them into the racks. Several IO modules that each have a different platform layout can be used in the system.

In the modular system, the IO module is either at the start for feeding in the samples or at the end or before the Sort Connect module as the last output unit. It is the only module that can be included several times (up to 3 units) in the system.

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