SARSTEDT

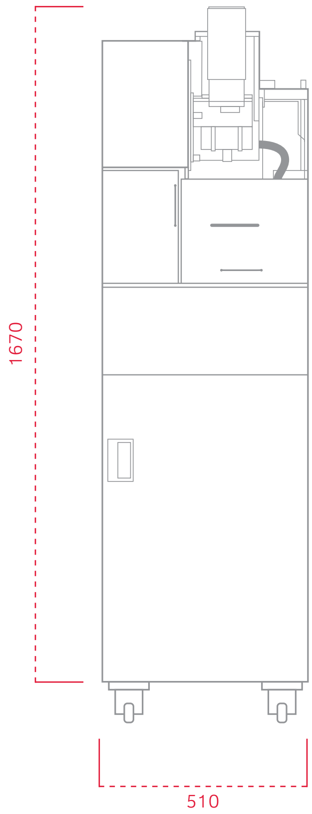
Aliquoter module

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

Laboratory Automation

Data sheet

Aliquoter module



510 x 690 x 1670 mm (W x D x H)

Remove sample material from primary tubes and dispense into secondary tubes

- For pipetting from open sample tubes
- Labeling and preparing secondary tubes
- Laboratory-specific criteria for sub-distribution

Technical specifications

Tube types:	Open or closed in a rack Length: 65–102 mm (with cap) Diameter: 13–16 mm
Consumables:	1000 µl conductive pipette tips Thermal transfer labels, 30x45 mm 3 variants of secondary tubes 75x13 mm round base, 5 ml 75x13 mm false bottom, 2.5 ml 92x15.3 mm false bottom, 5 ml
Throughput:	Up to 380 tubes/hour with 1 secondary tube per primary tube and pipetting volume of 450 µl
Dimensions:	See diagram
Weight:	approx. 180 kg

The AQ module is used on the HSS system for aliquoting sample tubes. Primary tubes previously opened on the decapper that are intended for sub-distribution are fed to the module via the internal transport line. In the laboratory information system (LIS), a query for every primary tube retrieves the information for the required secondary tubes. The module labels the respective secondary tube with a copy of the primary barcode and pipettes the required volume into it. Conductive disposable tips ensure precise fill level measuring and contamination-free pipetting. The secondary tube is then placed on the transport line and transported to the IO module for sorting.

In the modular system, the AQ module is positioned opposite an IO module. At least one ID and DC module is required upstream, as it is necessary to identify and open the primary tube.

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