

BL

Bulk Loader module

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



DATA SHEET

Bulk Loader module

For sample loading using the chute

- For closed sample tubes
- Can be filled manually or using a tube transport system (e.g. TEMPUS600)
- With integrated ID module



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

Technical specifications

Tube types:	Closed (screw cap or stopper) Length: 80-110 mm (with cap) Diameter: 11-16 mm All additives
Filling capacity:	Chute – approx. 600 sample tubes Rapid sample compartment – 1-3 sample tubes
ID unit:	Barcode scanner 3 MPixel colour CCD camera (sample type recognition, optional Gel Check)
Output:	Puck transportation route for internal transport Target bin 1 or target bin 2 for manual removal Drawer for unidentified tube types for removal and inspection
Throughput:	Up to 1,200 tubes /hour
Measurements:	See diagram
Weight:	approx. 200 kg

The BL module can be used to easily feed closed sample tubes into the High Speed Sorter HSS using a chute without extensive pre-sorting. Coming from the chute, the tubes are separated and first sent to the ID unit. The scanner reads the barcode, the camera determines the tube type and the centrifugation status (optional). The information is then used for further processing the sample tubes in the HSS system.

In the modular system, the BL module is always first. As an alternative, sample tubes can also be fed in using the IO module. It is also possible to include an IO module in addition to the BL module. This would allow closed sample tubes to be fed in using the BL module and open and closed sample tubes using the IO module. In order to identify the tubes, an ID module must come after the IO module, although an ID unit is available in the BL module.

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