

Input station

Mandatory, maximum 1 station

Input Buffer (IPB)

Basic specs

- 50, 100 position generic trays
- Either 13 mm or 13 & 16 mm flex-trays
- Optional sample loading with 5 pos. racks and 100 pos. trays
- Loading area for up to 400 samples
- Tube type identification (tube dimensions & cap color)
 - used to cross-check the tube type with the tests/specimen type
 - Throughput 800 samples/hour
- Up to 2 modules per **cobas**® 8100 to increase throughput to 1,100 samples/hour

Dimension (W x D x H) 1,050 x 1,100 x 1,500 mm

Weight 330 kg

Heat emission 482 kcal/h
0,56 kW

Power rating 1,0 kVA



Automatic Centrifuge Unit (ACU)

Basic specs

- 36 tubes per run (9 tubes per bucket)
 - Prioritization of STAT samples
- Individual parameter setting per ACU
- Prioritized unloading of STAT samples
- Up to 3,000 g centrifugation force
- Throughput of 300 samples/hour @ 5 min. spin time
- Up to 3 modules per **cobas** 8100

Dimension (W x D x H) 900 x 1,100 x 1,500 mm

Weight 250 kg

Heat emission 1496 kcal/h
1,74 kW

Power rating 2,0 kVA



GWP 3920



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Sample Check Module (SCM)

Basic specs

- **Sample volume detection / LLD**
 - Accurate determination after separation
 - Detectable through labels
 - Compares the volume in the tube to the required volume
 - **Sample quality assessment functionality**
 - Qualitative measurement of Serum Indices without direct access to the sample
 - Window of 6.5mm to see the sample required
- Up to 1 module per **cobas® 8100**

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| Dimension (W x D x H) | 300 x 1,100 x 1,500 mm |
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| Weight | 160 kg |
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| Heat emission | 260 kcal/h 0,32 kW |
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| Power rating | 0,5 kVA |
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Destopper (DSP)

Basic specs

- Decapping of rubber, hemogard, Sarstedt screw caps (including new FBT) and flex caps in any combination
 - Throughput: 800 samples/hour
- Up to 1 module per **cobas® 8100**

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| Dimension (W x D x H) | 300 x 1,100 x 1,500 mm |
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| Weight | 150 kg |
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| Heat emission | 241 kcal/h 0,28 kW |
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| Power rating | 0,5 kVA |
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Roche Diagnostics International Ltd
CH-6343 Rotkreuz
Switzerland
www.cobas.com

Aliquot station

Optional, maximum 1 station

Barcode Labeler / Tube Feeder (BCL)

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|------------------------------|---|
| Basic specs | <ul style="list-style-type: none"> ▪ Thermal transfer printer ▪ Compatible with all standard bar codes (Codabar (NW7), interleaved 2 of 5 (ITF), Code 39, Code 128) <ul style="list-style-type: none"> ▪ 3,000 aliquot tubes onboard ▪ Bulk loading of aliquot tubes – Optical sensor <ul style="list-style-type: none"> ▪ Throughput: 800 samples/hour ▪ Up to 2 modules per cobas® 8100 allowing for feeding of two different aliquot tubes (e.g. standard and false bottom tube) |
| Dimension (W x D x H) | 600 x 1,100 x 1,500 mm |
| Weight | 250 kg |
| Heat emission | 464 kcal/h 0,54 kW |
| Power rating | 1,0 kVA |



Aliquot Module (AQM)

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| Basic specs | <ul style="list-style-type: none"> ▪ Aliquoting into labeled aliquot tubes <ul style="list-style-type: none"> ▪ LLD, clot detection ▪ Aliquot tip volume: 2,000 µL ▪ Automatic tip feeding (1,000 tips onboard) ▪ Waste capacity: up to 1,200 tips <ul style="list-style-type: none"> ▪ Up to 10 aliquots per sample ▪ Throughput: 800 samples/hour (max. 1,600 aliquots/hour) ▪ Up to 1 module per cobas 8100 |
| Dimension (W x D x H) | 900 x 1,100 x 1,500 mm |
| Weight | 250 kg |
| Heat emission | 585 kcal/h 0,68 kW |
| Power rating | 1,0 kVA |



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CH-6343 Rotkreuz, Switzerland
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Life needs answers

Output station

Mandatory station, maximum 2 stations

Restopper Flex-cap (RSF) / Restopper Screw Cap (RSS)

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|------------------------------|---|
| Basic specs | <ul style="list-style-type: none"> Storage capacity at least 2,500 caps <ul style="list-style-type: none"> Optical sensor RSF: flex caps (Sarstedt) for 13 and 16 mm tubes <ul style="list-style-type: none"> RSS: screw caps Throughput: 600 samples/hour Up to 2 modules per output station |
| Dimension (W x D x H) | 300 x 1,100 x 1,500 mm |
| Weight | 150 kg |
| Heat emission | 378 kcal/h 0,44 kW |
| Power rating | 0,5 kVA |



Add-on / Output Buffer (AOB)

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| Basic specs | <ul style="list-style-type: none"> Generic trays with 100 pos. Samples can be retrieved automatically for add-on, rerun, reflex/repeat tests as requested Storage area for up to 1000 samples (10 trays) Manual retrieval of samples possible Multiple buffering targets available per module <ul style="list-style-type: none"> Throughput: 800 samples/hour Up to 3 modules per output station |
| Dimension (W x D x H) | 900 x 1,100 x 1,500 mm |
| Weight | 320 kg |
| Heat emission | 568 kcal/h h 0,66 kW |
| Power rating | 1,0 kVA |



Output Buffer / Sorter (OBS)

Basic specs

- Sample sorting into 25, 50, 100 position generic trays
- Either 13 mm or 13 & 16 mm flex-trays
 - Group multiple targets into logical targets
 - Split sorting targets into smaller logical targets
 - Sysmex racks, Hitachi 5 pos. racks
 - Sorting area for up to 400 samples
- Default sorting area for tubes with problems
 - e.g. BC not readable, no test requests, aliquot error
 - Throughput: 800 samples/hour
 - Up to 2 modules per output station

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| Dimension (W x D x H) | 600 x 1,100 x 1,500 mm |
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| Weight | 230 kg |
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| Heat emission | 292 kcal/h 0,34 kW |
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| Power rating | 0,5 kVA |
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