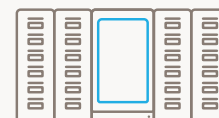
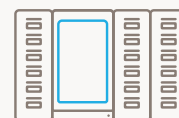
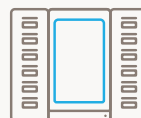
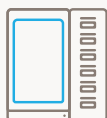
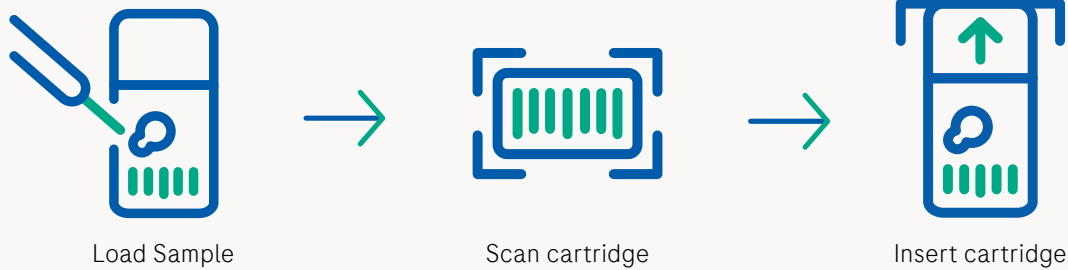


# cobas<sup>®</sup> eplex system specifications



Configuration	3-bay	1-tower	2-tower	3-tower	4-tower
Test bays	3	6	12	18	24
Throughput (8 hrs)	12 samples	24 samples	48 samples	72 samples	96 samples
Throughput (24 hrs)	42 samples	84 samples	168 samples	252 samples	336 samples
Physical dimensions (H x D x W)	60 cm x 48 cm x 52 cm 24" x 19" x 21"	60 cm x 48 cm x 52 cm 24" x 19" x 21"	60 cm x 48 cm x 71 cm 24" x 19" x 29"	60 cm x 48 cm x 90 cm 24" x 19" x 36"	60 cm x 48 cm x 110 cm 24" x 19" x 44"
Weight	42 kg (91 lbs)	52 kg (114 lbs)	86 kg (188 lbs)	120 kg (263 lbs)	153 kg (337 lbs)
Power usage	193 W (Peak)	265 W (Peak)	410 W (Peak)	555 W (Peak)	700 W (Peak)
Heat dissipation	657 BTU/hr	904 BTU/hr	1399 BTU/hr	1894 BTU/hr	2388 BTU/hr

# Sample workflow: <1 minute



LIS compatibility	ASTM LIS 1-A & LIS 2-A2 (Bi-directional) HL7 v2.3 (Bi-directional) Flat file (.csv, .xml and .txt)
Supported barcodes	Aztec, Codabar, Code 39, Code 93, Code 128, Data Matrix, EAN, Interleaved 2 of 5, JAN, MaxiCode, UPC
I/O panel	Rear: 4 x USB 3.0 Front: 3 x USB 3.0 1 x RJ-45 Gigabit LAN 1 x RS-232 (DB9 male) 1 x HDMI
Power requirements	100-240 Vac, 50/60 Hz
Environmental conditions	Ambient temperature: 15 - 30°C Relative humidity: 15 - 85% (Non-condensing)
Noise generation	≤60dBA
Waste requirements	Follow your regional/country hazardous and medical waste disposal requirements
Safety and electromagnetic compatibility (EMC) standards	IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, EN 61010-1:2010/A1:2019, UL 61010-1:2012/R:2019-07, CSA C22.2 No. 61010-1:2012/A1:2018-11, IEC 61010-2-101:2018, EN IEC 61010-2-101:2022, UL 61010-2-101:2019, CSA C22.2 No. 61010-2-101:2019, IEC 61326-2-6:2020, CISPR 11:2015 class A

COBAS and EPLEX are trademarks of Roche.

©2024 F. Hoffmann-La Roche Ltd

MC--08758

[diagnostics.roche.com/eplex](https://diagnostics.roche.com/eplex)