

# cobas p 471 centrifuge unit

## *Technical specifications*



### System description

<b>System</b>	<b>cobas p 471 centrifuge unit</b>	07563787001
<b>Specifications</b>	<ul style="list-style-type: none"> <li>• Single centrifuge</li> <li>• Simultaneous loading of different tube types</li> <li>• Continuous loading of closed tubes</li> <li>• Optimized loading and unloading of the centrifuge according to tube type</li> <li>• Centrifugation of different tube types in one centrifugation load</li> <li>• Definable centrifugation parameters (e.g. time, relative centrifugal force)</li> <li>• G force of up to 4100 x g @ 4500 rpm</li> <li>• Start timer, trigger by number of tubes or time</li> <li>• Automatic lid locking</li> <li>• Refrigerated centrifugation</li> <li>• Automatic compensation of imbalances</li> <li>• Automatic tube transportation for further processing on <b>cobas p 512/612</b> pre-analytical system</li> <li>• Centrifuge decision (Y/N) based on IT input</li> </ul>	
<b>Options</b>	<ul style="list-style-type: none"> <li>• Barcode reading unit</li> </ul>	07969961001

## Specifications

<b>Throughput</b>	Up to 495 tubes per hour at 5 minutes spin
<b>Input capacity</b>	150 samples
<b>Centrifugation capacity</b>	76 tubes per load
<b>Tube types</b>	Supports established tubes for hematology, coagulation, serum, plasma and urine manufactured by BD, Sarstedt, Kabe, Greiner, Terumo and other tube vendors <ul style="list-style-type: none"><li>• Accepts most 3, 5, 7 and 10 ml plastic tubes</li><li>• Tubes can be qualified on request</li></ul>
<b>Sample carriers</b>	RD Hitachi 5-position racks PVT centrifuge buckets with 19 positions
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• Width: approx. 1.65 m (65.0")</li><li>• Depth: approx. 1.29 m (50.8")</li><li>• Height: approx. 1.84 m (72.4")</li><li>• Weight: approx. 436 kg (961 lbs)</li></ul> Control unit is incorporated on the system
<b>Operating conditions</b>	<ul style="list-style-type: none"><li>• Designed for indoor operation up to 2000 meters above sea level</li><li>• Ambient temperature +15 °C to +30 °C (+59 °F to +86 °F)</li><li>• Relative humidity 20 % to 80 %</li><li>• Power consumption: approx. 1000 W</li><li>• Voltage: 230 V, 50/60 Hz (fuse 6.3 AH) and 115 V, 50/60 Hz (fuse 10 AH)</li></ul>
<b>Compressed air</b>	<ul style="list-style-type: none"><li>• Dry and oil free</li><li>• Air pressure: min. 6.5 bar (94 psi) to max. 8.0 bar (116 psi)</li><li>• Air consumption: approx. 16 l/min (4.2 gals/min)</li></ul>
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