

6-1 Specifications

This Unit hands over racks to a B-gate connection analyzer (e.g. cobas 8000) and then transfer those racks ejected from the B-gate connection analyzer back to CCM transportation system.

Connectable Analyzers

Model	Connectable analyzer
ATU-PVT-AC5	cobas8000 (Bi-directional work flow) by Roche Diagnostics cobas8000 (Uni-directional work flow) by Roche Diagnostics cobas6800/8800 (Bi-directional work flow) by Roche Diagnostics cobas6800/8800 (Uni-directional work flow) by Roche Diagnostics cobas p501/701 (Bi-directional work flow) by Roche Diagnostics cobas t711(Bi-directional work flow) by Roche Diagnostics cobas pro (Bi-directional work flow) by Roche Diagnostics

Items	Specifications									
Protection barrier	The mechanical part is covered and protected by a protection barrier with a key lock.									
Applicable racks	Roche Diagnostics 5-position racks									
Applicable sample tubes ^{Note 1}	<table border="1"> <thead> <tr> <th></th> <th>Closed tube</th> <th>Open tube</th> </tr> </thead> <tbody> <tr> <td>Outer tube diameter</td> <td>11.0- 16.2 mm</td> <td>11.0- 16.2 mm</td> </tr> <tr> <td>Height</td> <td>64.9– 101.0 mm (plus maximum 10 mm closure)</td> <td>64.9- 105.5mm</td> </tr> </tbody> </table>		Closed tube	Open tube	Outer tube diameter	11.0- 16.2 mm	11.0- 16.2 mm	Height	64.9– 101.0 mm (plus maximum 10 mm closure)	64.9- 105.5mm
	Closed tube	Open tube								
Outer tube diameter	11.0- 16.2 mm	11.0- 16.2 mm								
Height	64.9– 101.0 mm (plus maximum 10 mm closure)	64.9- 105.5mm								
Conveyor height	791 mm ± 10 mm from the floor surface.									
Dimensions, Weight	620 mm × 820 mm × 930 mm (W×D×H) , 94 kg The height including the modification kit for the adjustable status light is 1500 - 2000 mm.									
Process speed	Up to 650 racks/hour (75% racks pass through)									
Operating conditions	Device lifetime: 7 years with periodical maintenance and parts replacement Expected operating conditions (Energizing time): 8 hours/day, 26 days/month, 2,000 racks/day									

Note 1: Use only Roche Diagnostics 5-position racks with spring for 11 mm open tubes.



CAUTION

Pinching hazard

Contact with moving parts may cause serious injuries.

- The protection barrier must be handled by trained operators.
- The Unit stops its motion when the protection barrier is opened, same as in an error situation.

 **CAUTION****Risk of rack transfer interruption**

To avoid a rack transfer error, follow the instructions.

- Do not use damaged or cracked racks.
- Make sure no particle is adhered to racks.
- Affix a rack barcode label tightly to a rack body for preventing rack transfer interruption.
- The maximum height from the conveyor belt to the top of a tube inside a rack must not exceed 128 mm.

 **CAUTION****Risk of rack transfer interruption**

To avoid a rack transfer error, follow the instructions.

- Do not use damaged or cracked sample tubes.
- Make sure barcode labels are tightly affixed to sample tubes.
- Use racks in which sample tubes properly fit. E.g. 11 mm tubes shall not be transported on MPA13 or t711 racks.
- Make sure sample tubes are inserted firmly into a rack so the bottom of a tube reaches the bottom of a rack.
- Enabling check digits for barcodes is recommended to reduce the risk of wrong barcode readings.

 **WARNING****Risk of sample spillage**

Sample content may spill when using open sample tubes.

- Fluids filled in open sample tubes must be 15mm below the tube's upper rim.