

Wireless Shelf Technology WST – a milestone for easier daily work with laboratory freeze dryers

Summary of features:

- WST avoids difficult handling of wired shelves and racks during prefreezing
- no freezing of cables on freezer wall or on ice condenser, when freezing directly in the lyophilizer
- the temperature of each shelf is controlled individually by means of the built-in-T-probe via the control system LSCplus corresponding to the real energy consumption of sublimation
- Every shelf has plugs for 1 product temperature probe and 1 Lyo-Rx probe

LyoCube® – unique frontloader with WST for ALPHA-units

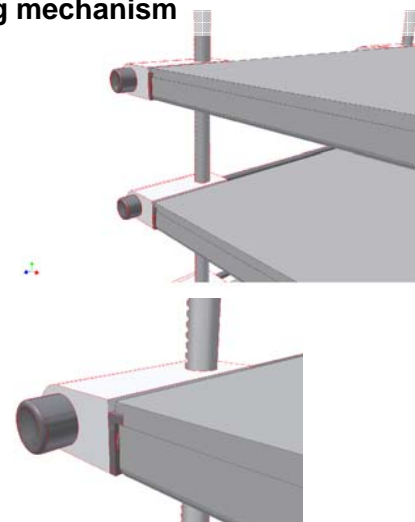


LyoCube® 4-8	
Shelf dimension	width x depth x height = 250 x 300 x 18 mm
Area of 1 shelf	0,075 m ²
Shelf area and interdistance	0,375 m ² with 5+1 shelves for example s=57 mm
chamber dimensions	w=336 x d=370 x h=426 mm
Chamber volume	53 l
weight [kg]	Appr. 49 kg

- Option: plus flask drying



- Option: manual adjustment of shelf interdistances in 3 mm steps with a latching mechanism



Facts and benefits:

- Rectangular frontloader instead of round acrylic chamber for easy handling
- electrical heated shelves for reduced cycle times and homogeneous results
- central vacuum fitting NS 45/40