

GIN RT EZ-500™

GIN RT EZ-500™ is a rotary table storage for all types of micro-titer plates. The PC driven EZ-500 can handle practically all standard sized plates from 48 to 1536 plates with or without lids; trans-well plates are supported, too. There's a storage place for lids on the deck of the device.

The plates are inserted onto an adapter disk that positions micro-titer plates on the rotation table of the GIN RT EZ-500™. The adapter disk may vary according to need. There can be adapter disks for tubes and other objects that are needed in the process. Adapter disks can be custom made according to need.

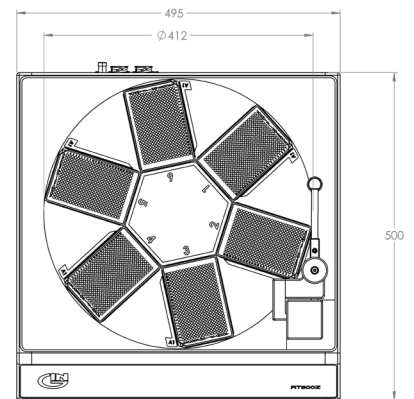
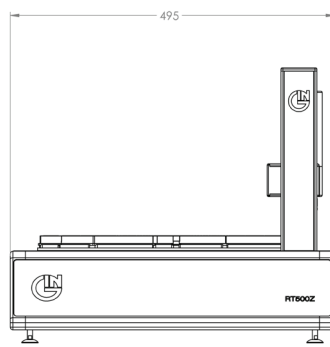
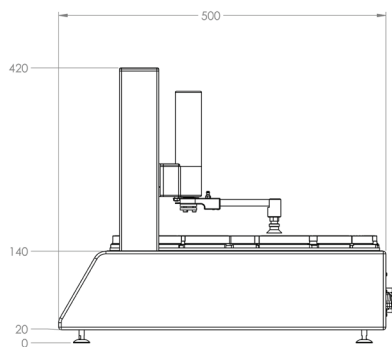
In its standard configuration the GIN RT EZ-500™ has places for six micro-titer plates. The capacity can be increased by adding racks on the rotation table positions and replacing the standard handling arm with a new one.

The supported plates and lids are stored on a specially defined place on the deck. Naturally the GIN RT EZ-500™ keeps the lids in the perfect order and does not mix them with the plates. A vacuum gripper takes care of the secure lid and plate handling. The gripper is attached to a robotic arm that extends outside the product envelope of the EZ-500. The arm is capable of handing the plate over to another cell, such as e.g. GIN Delilah™ EMB liquid handling robot for further processing.

The surfaces of the GIN RT EZ-500™ are made of glass and aluminium. They are very easy to clean and tolerate the use of all typical cleaning detergents and methods.



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Technical Data

- Dimensions (mm): 495 (W), 500 (D), 150 (H)
- Table diameter (mm): 410
- Weight: ~30 kg
- Speed 100 mm/sec
- Repeatability 0.05 degrees
- Gripper arm height: 250 mm standard, extendable to 500 mm
- Control from GIN Delilah™ Robotic platform (standard)
- PC based control (option)
- Internal vacuum compressor

Easy cleaning: No screws or holes in surfaces