

TARIS

The Ideal System for Taring and Weighing of Vials



Taris is a low cost system for taring and weighing of vials with the option of decapping and capping. The system is designed for batches of 100 to 200 vials per loading. The processing time is about 1 minute per vial (including screwing the caps off and on again). The system can run completely unattended. It produces a file with the weights and a log file of the complete run. An optional barcode reader can check the barcode while the vials are decapped and capped.

- Capping and Decapping of vials
- Taring and weighing vials with or without caps
- Can handle various vial sizes
- Barcode reading optional
- Weight list as Excel-File

The System

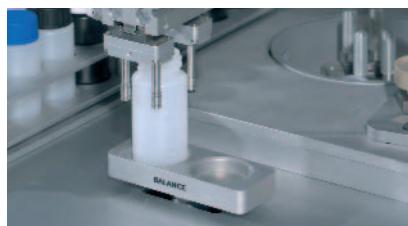
TARIS is a PC-controlled X-Y-Z distributor with a gripper arm for the transportation of vials and caps. Tray after tray of containers with the same dimensions can be weighed simply by pressing a button. Any number of rack formats for different sizes of bottles and ampoules can be stored permanently in TARIS' database. Different bottle arrangements, regular or honeycomb can also be accommodated in the software, multiple racks of the same layout can be processed in a single run.

TARIS is easy to use. Once the layout of a rack has been stored in the database, the user just recalls the rack type, types in the number of vials to be tared, and starts the method by a key stroke. Containers of any height less than 110 mm can be handled. A universal tray is available for TARIS with two sliders to push the vials into arrays. Any standard packing tray or rack may also be used provided the bottles are held symmetrically and the necks are within the gripping.



Weighing

In the standard configuration TARIS is equipped with a 4-digit balance. Different weighing resolutions are available on request. The vials are transported to and from the balance by the gripper. In case of static charge a deionisation unit can be integrated.



Vial Tracking

High resolution CCD barcode reading including 2D barcode reading of tubes (also Micronic and Matrix tubes), allowing track and store information relating to your samples.



Capping and De-Capping

Screw necked vials with a thread of 12-28mm can be automatically capped and decapped with cap storage provided on the work-bench. This is the ideal tool to minimise the exposure of highly reactive reagents.



TARIS

Working area: 585 mm wide x 383 mm deep

Maximum bottle height: 110 mm

Dimensions: 770 x 610 x 330 mm (w x d x h)

Power: 110/240V, 50/60 Hz, 250VA

Customised sizes are available on request.