

Technical News Bulletin

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ISIS Small Container Handling Option

The ISIS Dimensional Measurement System is part of the MiniLab statistical sampling equipment using cameras and other sensors to measure the external dimensions of a glass container. The results are faster, more accurate and reproducible when compared to manual measurement methods.

In order to measure containers below the standard body diameter range of the ISIS machine, a system was created to place the container onto an adapter which firmly holds the container during the measurement process.

The Weight and Pushup measurements cannot be used in the job file due to the influence of the adapter. A Small Bottle Adapter setting in the Job File screen must be set indicating to the ISIS software that the adapter is being used.

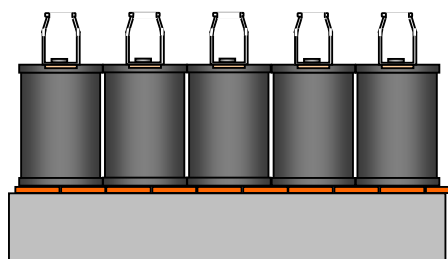
The adapters have a magnet imbedded in the top center. A second magnet is dropped into the test container and placed on the center of the adapter. The two magnets mutually attract each other holding the container in place.

The adapter and container are then placed onto the ISIS infeed conveyor in the proper mold number sequence. When started, the ISIS will push the adapter and test container into the machine to be measured. When complete the test container is removed from the adapter and the magnet and adapter recycled for the next series of tests.

Please order PN 871024001 Small Bottle Adapter Kit. One adapter and one magnet is required for each bottle in the setout. Magnets of different physical dimensions are supplied including small steel balls which can be used if the magnets are not suitable.

Standard Minimum Diameter
45 mm

With new Minimum Diameter Adapter
25 mm



*Bottle Placed on Infeed Conveyor of the
ISIS machine and Mold Numbers entered
in sequence.*