

Child Resistant Cap Testing

The Model 1605 Child Resistant Cap Kit enables the torque analyzer to be used for measuring the removal torque on the CR type cap that requires a down force to be opened.

This option consists of a mechanism to apply a setable down force and a force gauge to display the applied force.

An air supply with the ability to provide a minimum of 60 PSI is required for this option. Both an air filter and an adjustable air regulator are contained in this kit and permanently mounted to the drive cover. The regulator is used to set down force that is applied during a test.

The installation of the option on a torque analyzer does not affect in any way its use on conventional bottles. When not in use the down force foot pivots to the rear and out of the way.

For most pharmaceutical applications, a down force range of 0 to 30 lbs is sufficient.



Specifications:

Ranges: 0 to 30 lbs +/- 1 lb
0 to 60 lbs +/- 2 lbs

Easy to use:

1. Set down force by adjusting regulator and observing the gauge.
2. Place bottle to be tested in holding device.
3. Engage cap driving chuck.
4. Position down force arm over bottle.
5. Actuate down force arm with paddle switch.
6. Press open.
7. Repeat sets 2 through 6 for each sample.