

Automation Devices, Inc.

MODEL C600 PUMP SPRAY CAP TIGHTENER INSTRUCTIONS

The **Model C600 Pump Spray Cap Tightener** is designed for use in tightening Trigger Spray or Finger Pump Spray caps. It is supplied with one driver wheel and one idler wheel. The driver wheel (on the left) rotates in a counterclockwise rotation. When the driver wheel and the idler wheel are both in contact with the cap to be tightened, the cap will spin on and tighten.

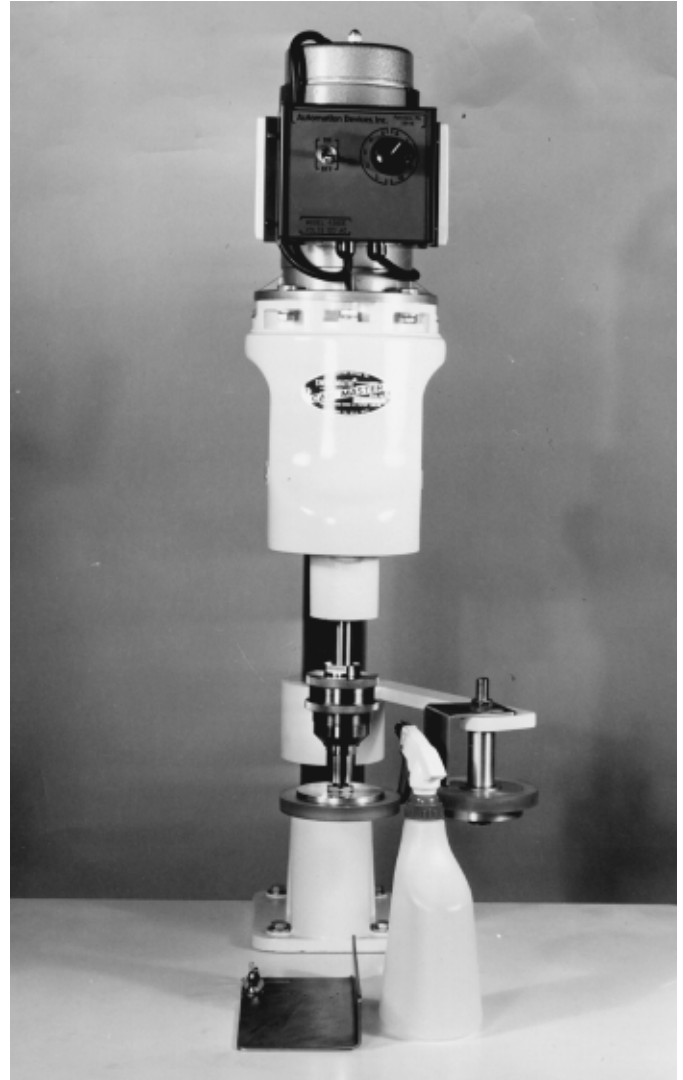
The height of the driver wheel must correspond to the height of the cap to be tightened. Loosen the lock handle on the capper column and raise or lower the head of the capper as required. The driver wheel should be parallel with and in line with the cap to be tightened and with the idler wheel. Adjust the idler wheel to be about $\frac{1}{8}$ " or so closer to the driver wheel than the diameter of the cap.

When all three are in line and the two wheels are adjusted for the proper distance apart, turn the main power switch on. Set the speed control at '5'. Then with the cap on the container and the threading started, push the cap into the space between the driver wheel and the idler wheel. Pass the container completely through between the wheels and remove it from the right. Check the *removal torque* on the cap.

The *applied torque* is a function of both the adjustable clutch assembly located just above the driver wheel *and* of the speed of the driver wheel. You may want to make the following adjustments (see Document IN04.01):

If the cap is too loose, *tighten* the clutch above the driver wheel *and/or speed up* the driver wheel.

If the cap is too tight, *loosen* the clutch above the driver wheel *and/or slow down* the speed of the driver wheel.



C600 Pump Spray Cap Tightener

Adjustable rails maintain the alignment of the container and the spray nozzle during cap tightening.

IN06.01

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