

UNI-FLOW TESTER

The CARTER DAY Uni-Flow is designed to separate products of different lengths by using an 18" diameter indented shell. The short product fits into the indents in the rotating cylinder shell and the unit operates on the centrifugal force principle. The speed of the cylinder holds the particle in the indent, lifting it out of the mass until the indent is inverted. At this point, gravity causes the particle to fall out into a catch trough. The tilt or angle of the trough can be adjusted to select the "cut point" of the long and fine particle separation. Shorter product is always rejected and over-tailed.

Unit is supplied with ½ HP motor and D.C. speed control less indent cylinders. Ship wt. 200 lbs.

Uni-Flow Tester **No. UFT**
 Cylinder Test Shell **No. UFT-C**



PRECISION SIZER TESTER

The CARTER DAY Precision Sizer is designed to perform precise width and thickness separations by employing slotted or round perforated (hardened) cylindrical screens. The cylinder has 12" inside diameter. As material feeds in one end, it rolls and tumbles gently upon itself covering more than 1/3 of the perforations at all times. The material smaller than the perforations falls through the screen. The tumbling action imparts a gentle polish to the material, but cannot injure even delicate materials.

Unit comes complete with ½ HP, 1750 RPM motor with D.C. controller, less tester shells. Ship wt. 185 lbs.

Precision Grader Tester **No. PST**
 Cylinder Test Shell **No. PST-C**



DUO-ASPIRATOR TESTER

The CARTER DAY Duo-Aspirator separates products of different terminal velocities by lifting the light materials out of the heavier material. The product is fed at an even rate into a vertically rising air stream. The intensity of the air stream determines the "cut point" of the separation. The faster the air speed, the more light material is lifted. Typical applications will remove dust, chaff, straws and small seeds from wheat and similar cereal grains. It can also be used for lifting paper out of ground plastic, separate dust and fines from seeds and for final clean-up before bagging.

The Duo-Aspirator is a closed circuit system with variable speed feed roll and fan. Includes base and ½ HP, 1200 RPM, TEFC motor. Ship wt. 165 lbs.

Duo-Aspirator Tester **No. DAT**

