CARTER DAY

LABORATORY TEST MODELS

Global in size...
Individualistic by design

LABORATORY TEST MODELS

The laboratory test models are small, accurate models of Carter Day's standard sizing, separating and cleaning machines.

Many seed, grain, food and feed producers and processors use these machines to calibrate their full production models thus minimizing downtime for adjustments . Agricultural universities use these machines to educate students in the importance of proper cleaning, sizing and separating of grains and seeds. Seed laboratories use them for quality control of their seed stocks and for preparing seed batches for tests. Plant breeding and flower seed installations use them for low volume separation requirements.

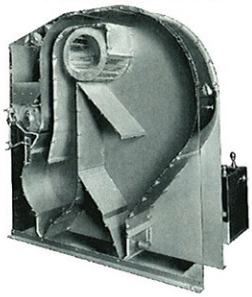
The most common usage of the laboratory machines is by our customers for pre-determining the type and size of discs and cylinders prior to full production processing. This practice assures accuracy, and eliminates reprocessing resulting in less product breakage, less downtime and less labor cost.

UNI-FLOW TEST MODEL

Electric cylinder type machine for separating and sizing by length. The separations are done by cylinders with indented pockets. Cylinders are available with indent sizes for virtually all applications.

Weight:
130 lbs.
60 kg.
Dimensions:
20" x 27" x 32"
508mm x 686mm x 813mm

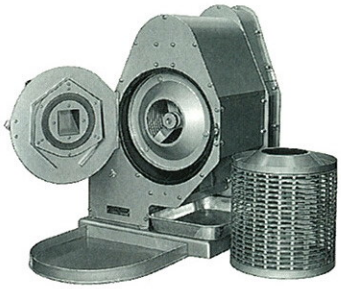
DUO-ASPIRATOR TEST MODEL



Electric, closed circuit, two stage aspirator for separations by weight. Model has variable speed feed roll and fan.

Weight:
235 lbs.
108 kg.
Dimensions:
18" x 39" x 38"
457mm x 991mm x 965mm

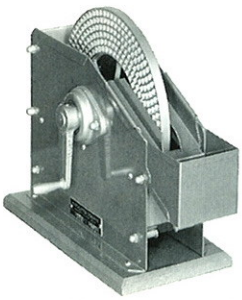
PRECISION SIZER TEST MODEL



Electric, rotating cylinder type machine for thickness, width and diameter separations. Numerous round and slotted cylinders are available.

Weight:
155 lbs.
70 kg.
Dimensions:
20" x 29" x 22"
508mm x 737mm x 559mm

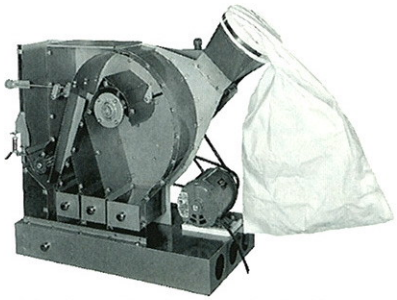
DISC SEPARATOR TEST MODEL



Hand operated disc machine for critcal length sizing. Discs with indented pockets revolve through the product and pick up the shorter material that fits in the pockets. Discs are available with a variety of pocket sizes.

Weight:
10 lbs.
4.5 kg.
Dimensions:
7" x 12" x 16"
178mm x 305mm x 406mm

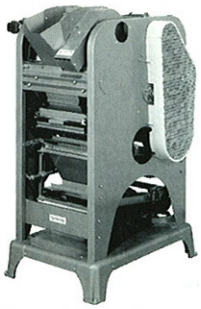
FRACTIONATING ASPIRATOR TEST MODEL



Electric, impeller type aspirator for separating grain of the same size but having different weights. Provides adjustable, four stage, high pressure air aspiration for complete cleaning and separation.

Weight:
140 lbs.
64 kg.
Dimensions:
17" x 31" x 35"
432mm x 787mm x 889mm

DOCKAGE TESTER



Electric dockage tester for accurate determination of the amount of foreign matter in grain within minutes. Built-in fan aspirates. The only dockage tester certified by the United States Department of Agriculture - Federal Government Inspection Service and the Canadian Grain Commission.

Weight:
425 lbs.
193kg.
Dimensions:
46" x 36" x 57"
117mm x 91mm x 145mm

CARTER DAY
500 73rd Ave. N.E. • Minneapolis, MN 55432
Tel: (612) 571-1000 • Fax: (612) 571-3012 • Telex: (20-1669) • Cable: CAMACO