

CARTER DAY

DOCKAGE TESTER



**Global in size...
Individualistic by design**



Designed by Carter-Day engineers to meet specifications of the U.S. Department of Agriculture and Canadian Grain Standards Commission, the Carter-Day Dockage Tester provides accurate and uniform tests of grain samples for dockage. It is the official testing machine used in grain inspection offices of the U.S. Department of Agriculture and Canadian Grain Standards Commission and by licensed inspectors, including State and Provincial grain inspection offices.

Official procedures have been established for testing wheat, corn, barley, rye, flaxseed, rice and grain sorghums. Instructions on the proper riddles and sieves to

use, along with other procedures for testing these grains, are furnished with the Tester.

The Carter-Day Dockage Tester was designed to provide more consistent results than hand testing. The machine can use one riddle and three sieves simultaneously and also aspirates at the same time. It's quiet and vibration-free.

The Dockage Tester is furnished complete with a 1/3 H.P. electric motor. When ordering please specify whether your testing room has alternating or direct current and the phase, cycle and voltage.

RIDDLE and SIEVE REQUIREMENTS FOR REMOVING FOREIGN MATERIAL FROM VARIOUS GRAINS

GRAIN TYPE	RIDDLE	TOP SIEVE	MIDDLE SIEVE	BOTTOM SIEVE
Hard Red Spring and Red Durum Wheats	#2	—	#2	#2
White Winter Wheat (Small to Medium Size)	#2	—	#2	#2
Hard Red Winter	#2	—	#2	#2
Soft Red Winter	#2	—	#2	#2
Large White Winter Wheat	#2	—	#2	#2
Rye and White Durum	#25	—	#2	#2
Corn	—	DBL.	—	—
Barley	#6	#8	#6	—
Flax	000	#4	#2	#7
Grain Sorghums	—	#6	—	#1

Where current modified U.S.D.A. standards are required, information will be furnished on sieves or riddles required.

EQUIPMENT FOR GRADING OF ROUGH RICE

Ref. U.S.D.A., Federal Grain Inspection Service Manual

Notes: U.S.D.A.-F.G.I.S. disregards Variety and uses the Length-to-Width Ratio to determine dockage tests. Dockage consists of all material removed by the Standardized Carter-Day Dockage Tester Air Setting; Plus, all material (except rice) over top sieve; Plus, all material (except rice) over the middle sieve; Plus all material through bottom sieve. The No. 3 sieve may be used in the Top Sieve Carriage to facilitate removal of paddy kernels with stems remaining on them in samples of Western Production.

**If dockage remains in sample, composite all material except dockage and rerun.*

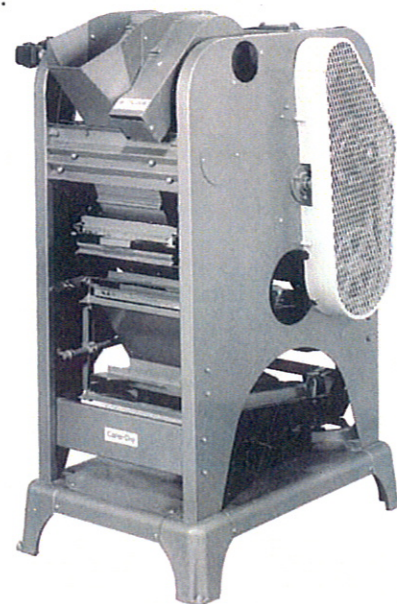
	Long Grain	Medium Grain		Short Grain	
L to W Ratio:	3.4 to 1, or more	2.3-3.3 to 1		2.2 to 1, or less	
Production:	All	Southern	Western	Southern	Western
Top Sieve:	28	28	31	31	31
Middle Sieve:*	25	25	—	26	—
Bottom Sieve:	22	4	27	4	21

OPTIONAL VARIABLE SPEED FAN

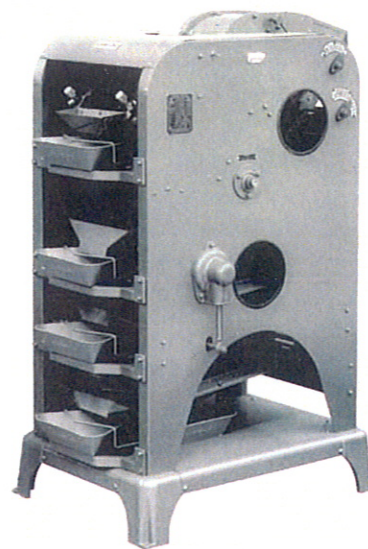
The Dockage Tester is available with a variable speed fan that includes a DC motor with controller and digital tachometer for single phase 115 volt current. This improves air volume and air separation and offers infinite reproducible control. The same air separation can therefore be controlled between runs or between products.

Sold & Serviced by

LMC Lewis M. Carter
Manufacturing (Canada) Ltd.



FEED END



DISCHARGE END

WARRANTY

All parts of our manufacture are guaranteed against defective materials and workmanship for a period of 12 months from date of shipment.

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