

PELLET DURABILITY TESTER

Seedburo's Pellet Durability Tester utilizes a test developed by Kansas State University to predict the amount of fines produced by handling pellets before feeding time. This is accomplished using a specially designed pellet tumbler which duplicates the amount of breakage that normally occurs from the time the pellets are expelled until they are consumed by the animal.

The results of the tests are interpreted as a standard measure of quality which is referred to as the Pellet Durability Index (P.D.I.). The test is simple to perform and requires a minimal amount of equipment. The procedure:

1. Secure a representative sample.
2. Remove broken pellets from sample with appropriate hand sieve.
3. Weigh out 500 grams of screened sample.
4. Tumble 500 grams of screened pellets for 10 minutes.
5. Re-screen and weigh whole pellet sample.
6. Compute Pellet Durability Index by dividing the weight of the whole pellets by 500 and multiplying by 100.

The unit features a 1/6 HP, 115/230V, 50/60Hz, Single Phase, TEFC Motor. Actual Dims. 45" W x 14" D x 19" H. Net wt. 115 lbs. Ship Dims. 48" L x 24" W x 29" H. Ship wt. 155 lbs.

Four Compartment Pellet Durability Tester **No. PDT**
 Riffle Type Divider (see page 32 for other sizes) **No. R66**
 Polyethylene Sample Bags, 8½" W x 18" L x .003" Thick
 (Sold in lots of 1000) **No. 622**



SCREEN SIZES FOR DURABILITY TESTS			
Pellet or Crumble Size		Required Screen Size	
Fraction	Decimal Equiv.	Size*	Decimal Equiv.
3/32"	0.0938	No. 12	0.0661
1/8"	0.1250	No. 10	0.0787
9/64"	0.1406	No. 7	0.1110
5/32"	0.1563	No. 6	0.1320
3/16"	0.1875	No. 5	0.1570
13/64"	0.2031	No. 4	0.1870
1/4"	0.2500	No. 3.5"	0.2230
5/16"	0.3125	0.265	0.2650
3/8"	0.3750	5/16"	0.3125
1/2"	0.5000	7/16"	0.4375
5/8"	0.6250	0.530	0.5300
3/4"	0.7500	5/8"	0.6250
7/8"	0.8750	3/4"	0.7500
1"	1.000	7/8"	0.8750

See pages 24-27 for Scales and Balances. See page 41 for U.S. Sieves.

3 PHASE-TEFC MOTORS

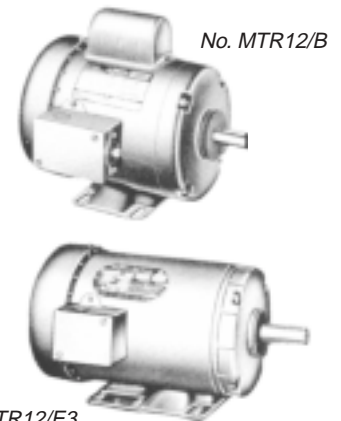
H.P.	Volt	Hz	Model No.
½	220	50	MTR12/C3
½	230	60	MTR12/E3
¾	220	50	MTR34/C3
¾	230	60	MTR34/E3

GAS POWERED ENGINE

3 HP Gasoline Engine	No. ENG 3/G
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SINGLE PHASE-TEFC MOTORS

H.P.	Volt	Hz	Model No.
½	115	60	MTR12/B
½	220	50	MTR12/C
¾	115	60	MTR34/B
¾	220	50	MTR34/C
1	115	60	MTR1/B
1	220	50	MTR1/C



ADDITIONAL SIZES AND VOLTAGES AVAILABLE UPON REQUEST

U.S. / Canada
Toll Free:

1-800-284-5779

Fax: 312-738-5329

International: 312-738-3700