

TESTING & SAMPLING EQUIPMENT

Grain Probes

Manufactured by Grain Belt

Obtain Accurate and Representative Samples.

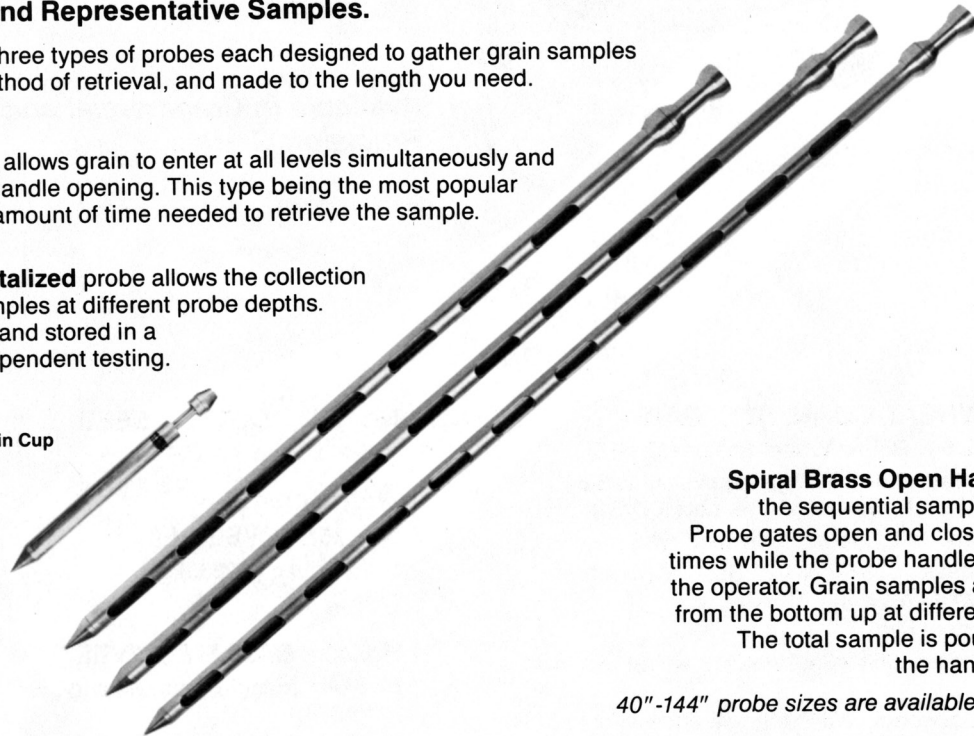
Grain Belt offers you three types of probes each designed to gather grain samples using an alternate method of retrieval, and made to the length you need.

Brass Open Handle allows grain to enter at all levels simultaneously and empties through the handle opening. This type being the most popular because of the short amount of time needed to retrieve the sample.

Brass Compartmentalized probe allows the collection and separation of samples at different probe depths. Each level is isolated and stored in a compartment for independent testing.

12" Deep Bin Cup

Stainless steel
abrasion-resistant
tip available.



Spiral Brass Open Handle allows the sequential sampling of grain. Probe gates open and close at different times while the probe handle is turned by the operator. Grain samples are collected from the bottom up at different moments. The total sample is poured through the handle opening.

40"-144" probe sizes are available for all types.

Grain Probes

Size	Length	Number of Openings	Partitions
40BOH	40"	5	No
51BOH	51"	7	No
63BOH	63"	9	No
72BOH	72"	11	No
96BOH	96"	15	No
120BOH	120"	20	No
144BOH	144"	20	No
63BC	63"	10	Yes
72BC	72"	12	Yes
96BC	96"	16	Yes
120BC	120"	20	Yes
144BC	144"	20	Yes

Spiral Probes

Size	Length	Number of Openings	Partitions
40SBOH	40"	5	No
50SBOH	50"	7	No
62SBOH	62"	9	No
72SBOH	72"	11	No
96SBOH	96"	15	No

Deep Bin Cup

12" Long / Holds over 250 grams
3/8" x 3' Extension rods and T-handles available

All probes are 100% brass including handles. Also available with wood handles. The 72BC and the 120BC are approved by the Federal Grain Inspection Service. Special length or compartmentalized probes can be manufactured upon request.

PHONE (785) 827-4491
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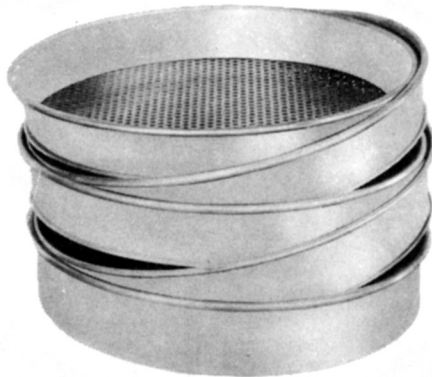
GRAIN BELT SUPPLY CO., INC.
SALINA, KANSAS

U.S. 1-800-255-2742
1-800-432-8292
1-800-447-0522



TESTING & SAMPLING EQUIPMENT

Dockage Sieves



#20 Gauge Aluminum
13 inch diameter
2 3/8" inside depth

Available in Commercial and Precision Grades

No. 10 WHEAT, CORN, RYE, OATS

- A. Corn: 12/64" Round Wheat Scalper (0.1875)
- B. Buckwheat: 8/64" Triangle equivalent to 5/64" inscribed circle. For wheat, rye, oats (0.0781)
- C. Fine Seed: 1/12" Round for wheat, rye
- D. Large Chess: 4 1/2/64" x 1/2" Slot for wheat — commercial grade only (0.0703)
- E. Solid Bottom Pan
- F. Small Chess: .064 x 3/8" slot. For wheat, rye, oats (0.0640)
- G. Large Buckwheat: 9/64" triangle equivalent to 0.090 inscribed circle. For wheat, rye, oats (0.1406)
- W. 5/64" Round

No. 17 SOYBEAN

- H. 10/64" x 3/4" Slot — commercial grade only. (0.15625)
- I. 8/64" Round (0.1250)
- E. Solid Bottom Pan
- J. 10/64" Round Special Soybean (0.15625)

No. 9 SORGHUM SIEVES

- K. 2 1/2/64" Round — commercial grade only (0.0391)
- B. 8/64" Triangle: 5/64 inscribed circle (0.0781)
- E. Solid Bottom Pan

No. 18A COTTON SEED

- 12/64" Round (0.1875)

No. 35C WEEVIL

- 1/12" Round (0.0833)

No. 19 BARLEY SIEVES

- B. 8/64" Triangle, equivalent to 5/64" inscribed circle (0.0781)
- L. 5/64 x 3/4" Sizing (Eastern) (0.0781)
- M. 5 1/2/64 x 3/4 Sizing (Western) (0.0858)
- E. Solid Bottom Pan
- P. 6/64 x 3/4 (0.09375) Spec. Barley Sieve

No. 13 FLAX SIEVES

- T. 3/64 x 3/8" Slot (0.0469)
- U. 4 1/2/64" Round (0.0703)
- E. Solid Bottom Pan
- W. 5/64" Round

No. 8 RICE

- X. 5 1/2/64" Round (0.101)
- Y. 6/64" Round (0.09375)
- Z. 6 1/2/64" Round (0.101)
- E. Solid Bottom Pan

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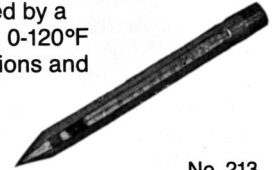
Seedburo Thermometers

SPECIAL BIN THERMOMETER

An 8 1/4" (21.1 cm) solid brass cover encases a 5 3/8" (13.8 cm) glass thermometer which is protected by a plastic cover. Unit is used for taking grain temperatures in bins. Two temperature ranges are available; 0-120°F with 1°F division and 0-220°F with 2°F divisions. The unit attaches to standard 3 foot (92.3 cm) extensions and standard T-handles.

- 213** Special Bin Thermometer 0-120°F
213-H Special Bin Thermometer 0-220°F
213-R Refill Thermometer 0-120°F

- 213-H-R** Refill Thermometer 0-220°F
STD-3 Standard 3 foot extension
STD-T Standard T-Handle



No. 213

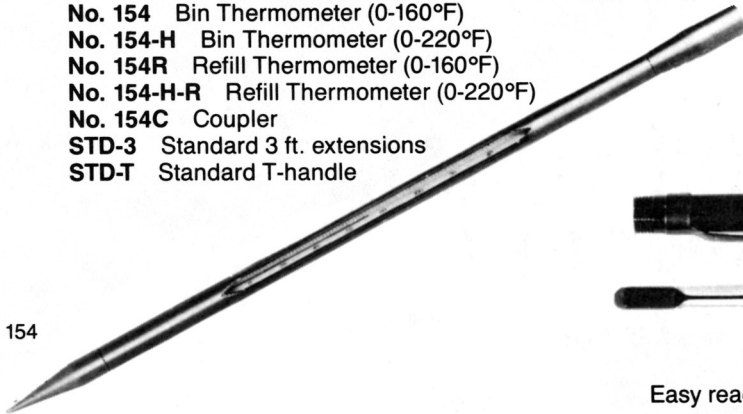
BIN THERMOMETER WITH LOGGINS SHIELD

The 19 1/4" (49.4 cm) Bin Thermometer has a chromium plated steel armour. It is equipped with the patented metal Loggins Shield which covers a 12" (30.8 cm) glass thermometer while in the bin, but easily slips aside for reading the temperature in the 8" (20.5 cm) slot opening.

By adding 3 ft. (92.3 cm) extensions, you can lower the thermometer to any desired depth. An optional coupler is available to replace the tip when more than one unit is pushed into the grain at one time.

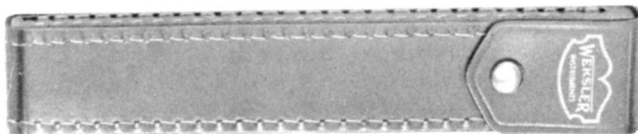
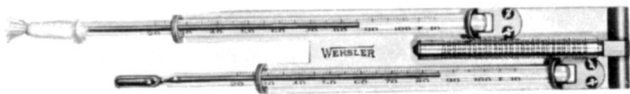
- No. 154** Bin Thermometer (0-160°F)
No. 154-H Bin Thermometer (0-220°F)
No. 154R Refill Thermometer (0-160°F)
No. 154-H-R Refill Thermometer (0-220°F)
No. 154C Coupler
STD-3 Standard 3 ft. extensions
STD-T Standard T-handle

No. 154



No. 212 Pocket Thermometer

Easy reading type 0° to 120°F to 1° Div, 0-220°F 2° Div.



SLING PSYCHROMETER

Two 5" etched mercurial lens magnifying thermometers attached to aluminum back with metal handle for swinging. Supplied with leatherette case for field use. Approximate scale range 20° to 110°F or -5° to 45°C.

- No. 317-S** Sling Psychrometer (20° to 110°F)
No. 317-SC Sling Psychrometer (-5° to 45°C)
No. 317-T Extra thermometer (20° to 110°F)
No. 317-TC Extra thermometer (-5° to 45°C)
No. 317-W Package of 36 extra wicks
No. 317-R Slide rule for Psychrometer (°F only)

GLASS GRAIN THERMOMETERS

Brown-Duvel Contact for automatic shut-off. Specify cut-off point: 168°, 173°, 175°, 180°, 185°, 190°, 195°, 200°, 210°C.

Description	Length	Range	Div.
No. 46 Brown-Duvel	14"	—	—
No. 208 Steinlite Easy Reading	12"	0/120°F	1°
No. 212-213-372R Refill	5 3/8"	0/120°F	1°
No. 213-H-R Refill	5 3/8"	0/220°F	2°
No. 154R Refill	12"	0/160°F	2°
No. 154H-R Refill	12"	0/220°F	2°

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TESTING & SAMPLING EQUIPMENT

Grain Test Equipment

Hand type weight per bushel tester

This hand type grain tester is made to give rapid readings of weight per bushel up to 65 lbs./bu., percentage of loss in cleaning, and direct weight of sample. Equipped with sliding beveled poise and heavy gauge bucket which is dent-proof. Scale is built to withstand rough usage with constant accuracy.

To assure accuracy in weight per bushel tests, the bucket should be filled through one of the filling hoppers shown below.

No. 26 One quart weight per bushel tester

No. 26M One liter bucket beam graduated in kilos per hectoliter
Shipping weight 4 lbs.



Strike Off Stick

No. 65 A special hardwood strike-off stick should be used in leveling off grain on all testing buckets. Government Standard. Furnished at no charge with orders for weight per bushel testers.

SOIL & GRAIN THERMOMETER

FOR •HOT GRAIN •HOT BEDS •GARDENS



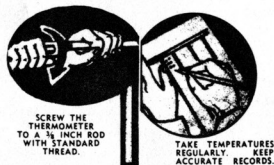
CHECK YOUR TEMPERATURES

FOR

GRAIN BIN TEMPERATURES
SOIL PLANTING TEMPERATURES
MILK COOLERS
DAIRY WATER TANKS
USE IN BROODER HOUSES

Don't Guess

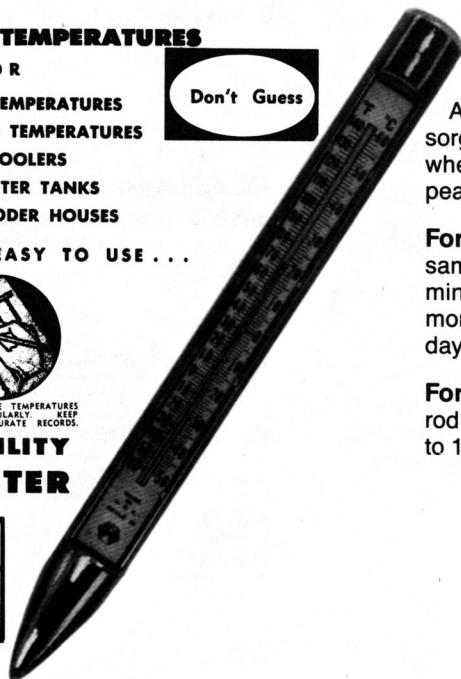
ACCURATE AND EASY TO USE...



GRAIN BIN-UTILITY THERMOMETER



ACTUAL SIZE — 9 1/2" LONG



All grains such as alfalfa, barley, oats, rye, sorghum, soybeans, common wheat and drum wheat should be planted at 68°, corn at 60°, peanuts at 70°, sugar cane at 70°.

For soil temperature: Place thermometer at same depth that seed will be planted for 15 minutes. When temperature is taken in the early morning and remains steady for three successive days, it is time to plant.

For grain bins: Screw the thermometer to 3/8" rod and push into grain to desired depth. Allow 10 to 12 minutes for each reading.

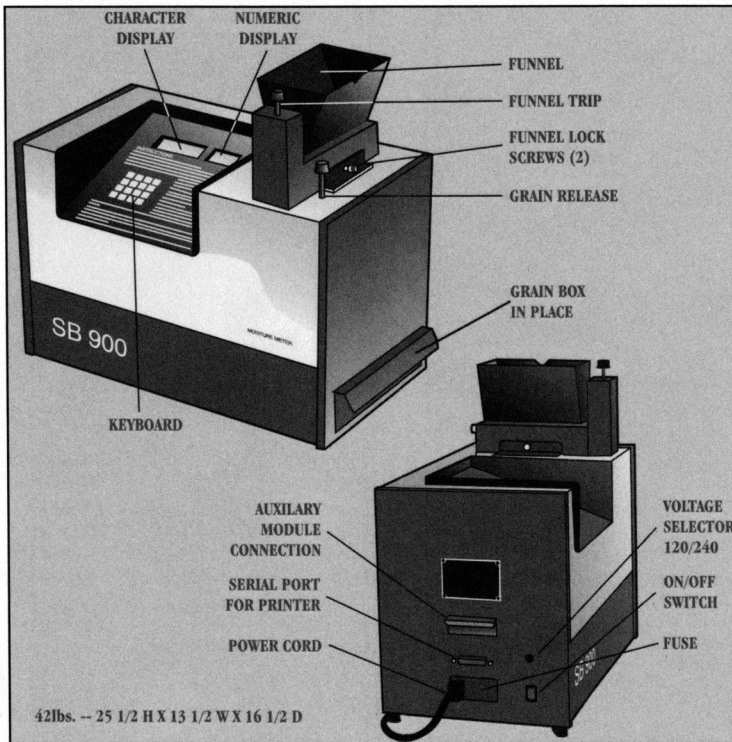
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Moisture Tester

Committed to serving the needs of the world's agricultural community, the technicians at Steinlite bring to you the newest in their line of moisture testers – the SB900. Using computer technology, the Steinlite SB900 moisture tester provides fast and accurate results in the most comprehensive tester yet developed. The best part is that moisture testers have never been easier to use than the SB900.

- customized calibration programming available – select from Steinlite's extensive collection of over 400 calibrations
- the SB900 can test for a wide variety of commodities such as cottonseed, vegetable seeds, coffee beans, nuts, processed products, grass & forage seeds
- can interface by way of serial port with almost any computer
- automatically corrects for entered test weights
- easy to read LCD and LED displays
- automatic temperature correction
- calibrated to U.S.D.A. basic oven standards
- sturdy design to withstand all but the harshest misuse

Grain Dockage Scale

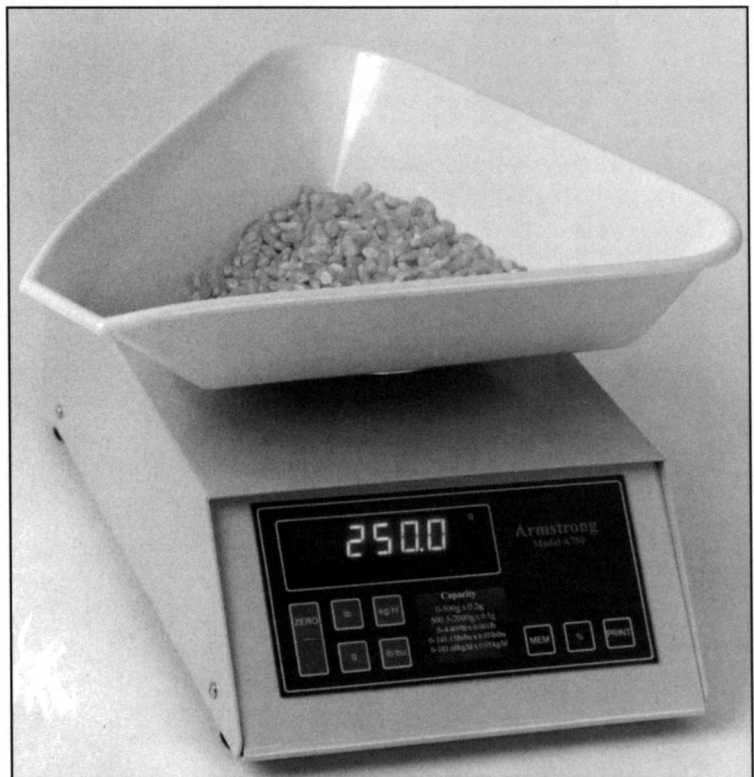
Features

The Armstrong A750 combines generations of experience in the grain trade with high technology electronics. Weighing grain samples, test weight and percentages of F.M. dockage or damage have never been faster or more convenient. The A750 is designed for years of accurate, reliable service.

- Rugged and accurate design
- Clean, compact and easy to use
- Sealed sensitive control panel
- Bidirectional RS-232 data interface for printers or computers – Includes time/date with battery back-up
- Weighs in g, lb, lb/bu or kg/hl test weight
- Computes % for F.M., dockage, damage, etc.
- American design and manufacture
- NTEP Approved

Applications

Grain elevators: buying and selling
Farm supply distributors
Quality control laboratories and production requirements



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