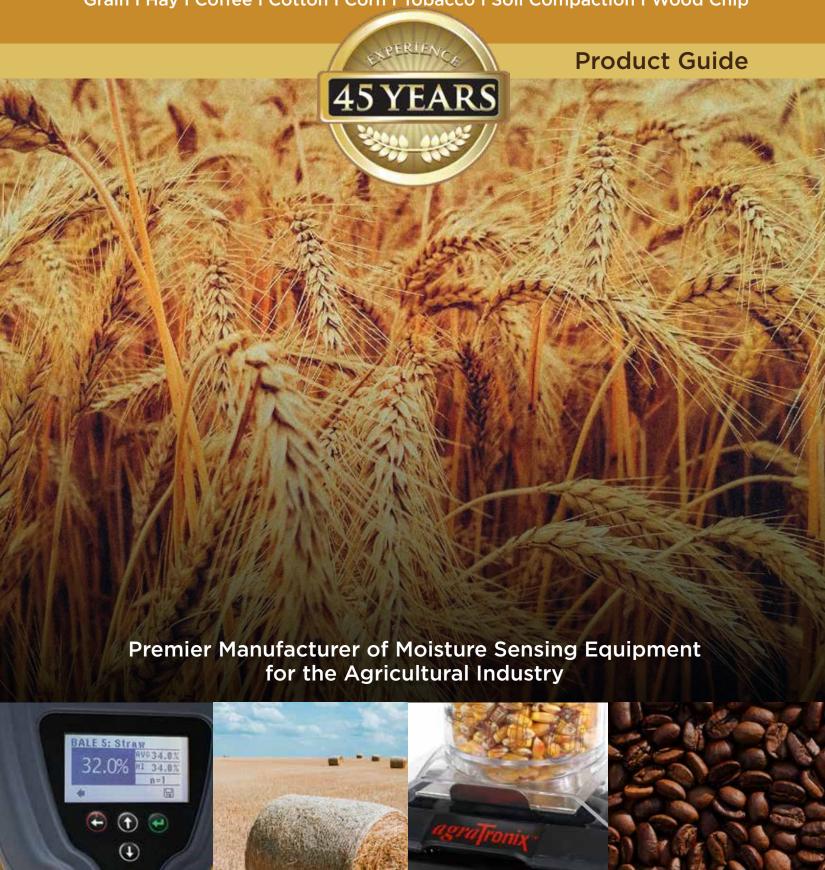


# **Electronic Moisture Testers**

Grain I Hay I Coffee I Cotton I Corn I Tobacco I Soil Compaction I Wood Chip





### Advanced Hay, Straw, and Silage Moisture Tester

Part No.: 07105

The NEW 07105 Advanced Hay Moisture Tester automatically compensates for the bale density giving more accurate testing results.

#### **Features**

- Scales for hay/haylage, straw, hay silage, corn silage and alfalfa
- Heavy-Duty 20 in. (50.0 cm) Stainless Steel Probe
- Automatic Density Compensation for more accurate results
- "Industry First" Hay Tester with Temperature Compensation
- USB port for scale and software updates, including exporting tests to your computer
- Save up to 1000 moisture and temperature readings
- · Displays average and high reading for each bale tested
- Large illuminated graphic LCD display
- Multilingual display English, Spanish, French and Portuguese

MOST CCURATE

HAY PROBE

VAILABLE

• One-Year Warranty

#### **Specifications**

• Hay and Haylage: 8% - 80%

Straw: 8% - 25%

Hay Silage: 30% - 84%

Corn Silage: 40% - 76%

• Alfalfa: 8% - 75%

• Temperature Range: 14°F - 176°F (-10°C - 80°C)

· USB cord included

9V Alkaline battery not included



#### **Hay Core Sampler**

Part No.: 07190

#### **Features**

- Professional Hay Core Sampling Equipment for farmers, sellers, and producers
- Zip-lock bag attaches to the protective metal shield allowing collection of up to 20 samples with no mess or contamination
- The inside diameter of the shaft is 7/8" allowing samples to stay loose for easy bagging with the cleanout rod between samplings
- Includes cleanout rod for pushing hay into provided zip-lock sample bag
- Shaft and connections are made of stainless steel
- · Sampling depth is 20"
- Sampler can be used with either a 3/8" or 1/2" drill



\* Part Number is 06042 New Improved Replaceable Core SampleTip

#### UPGRADED SENSOR PADS. STRONGER MATERIAL LASTS MORE BALES.



#### **BHT-1 Baler-Mounted Hay Moisture Tester**

Part No.: 07150

#### BALING YOUR HAY AT THE CORRECT MOISTURE LEVELS SAVES TIME AND MONEY

Testing for moisture does not end with the bale; testing occurs during and after baling. During the baling process the use of baler-mounted hay moisture testers, such as the AgraTronix BHT- $1^{TM}$  or BHT- $2^{TM}$ , assures the producer that the hay is at the correct levels as it is being baled. Installation is simple and the results are displayed to the operator every two seconds or so.

#### **Features**

- Direct readout for moisture % while baling hay with square or round balers
- Sturdy display module mounts in tractor cab and displays readings from sensor pad mounted in baler
- Averages updated and displayed every 3 seconds
- Built-in calibration button
- · Illuminated LCD display

#### **Specifications**

- Moisture range: 8% 40% depending on baler type
- Accurate throughout the normal range of stored hay
- Display resolution: 0.1% moisture

#### Accessories

BHT-1 Sensor Pad with hardware - 07157 25' Sensor Cable - 06065 10' Power Cable - 06066 10' Ext. Sensor Cable - 07158 BHT-1 Sensor Pad Kit - 07159

- 1 sensor pad with hardware, increased durability with NEW sensor pad
- 25' sensor cable
- · Mounting bracket
- 10' power cable

#### UPGRADED SENSOR PADS. STRONGER MATERIAL LASTS MORE BALES.



Best Selling
Baler-Mounted Tester

FarmProgress Editors' Choice Award -May 2012

> \* Updated Averaging for More Consistent Readings

#### **BHT-2 Advanced Baler-Mounted Hay Moisture Tester**

Part No.: 07160

#### **Features**

- Averages updated and displayed every 3 seconds•
- Advanced multi-sensor technology for greater overall accuracy while baling hay with square or round balers
- Sturdy display module mounts in tractor cab and displays readings from sensors mounted in baler
- Illuminated LCD display and keypad
- ± Moisture offset adjustments
- Adjustable high/low limit of moisture reading
- Upgradable firmware and calibration curves via USB

#### **Accessories**

BHT-2 Sensor Pad with hardware – 06063 35' Sensor Cable – 06064 10' Power Cable – 06066 5' USB Cable – 06067 BHT-2 Sensor Pad Kit – 07161

- 2 sensor pads with hardware, increased durability with NEW sensor pads
- 2 35' sensor cables

#### **Specifications**

- Moisture range: 8% 30+% depending on baler type
- Accurate throughout the normal range of stored hav
- Display resolution: 0.1% moisture

#### **Product Includes**

- Display module
- 10' power cable
- 2 sensor pads with hardware
- 2 35' sensor cables
- USB cable
- Installation instructions





Clamshell Packaging

#### **Windrow Hay Moisture Tester**

Part No.: 07140

#### WHY IS IT IMPORTANT TO TEST HAY MOISTURE PRIOR TO BALING?

Proper moisture levels during baling is essential to produce better quality hay and reduce economic losses. Baling hay at the correct moisture levels reduces mold development, and helps to preserve the color and feed value of hay.

#### **Features**

- Only portable hay moisture tester available for use in the field before baling
- Quickly measures loose hay and forage from a windrow without committing the time and expense of using baling or chopping equipment before the hay is at the correct moisture levels
- Simple to use add loose hay to a five-gallon bucket, insert tester probe and press a button

#### **Specifications**

- Moisture range: 13% 70% depending on hay tested
- Testing time: 30 60 seconds
- Accuracy: ±2% 4%
- Display resolution: 0.1% moisture
- · 9V battery required

#### **Accessories**

Dish probe only - 07253

# Clamshell

#### **DHT-1 Probe-Style Hay Moisture Tester**

Part No.: 07100-18" Probe, 07101-24" Probe, 07102-32" Probe

#### **Features**

- Direct readout for moisture % and temperature (°F and °C)
- Sturdy pistol-grip handle with extra-rugged probe shaft made from aircraft aluminum
- 3 models available: 18" (std.), 24" and 32" probe lengths

#### **Specifications**

- Moisture range: 14% 44% depending on hay tested
- Temperature range: 32° 225° F (0° -107° C)
- Accurate throughout the normal range of stored, baled hay
- Display resolution: 0.1% moisture
- 9V battery required

#### **Replacement Probes**

18" Probe - Part No. 07018 24" Probe - Part No. 07024

32" Probe - Part No. 07032

# FARMER'S CHOICE BEST SELLER Clamshell Packaging

#### **HT-PRO Probe-Style Hay Moisture Tester**

Part No.: 07120-20" Probe, 07121-10" Probe

#### **TESTING THE MOISTURE LEVELS OF STORED HAY**

After the baling process, hay is stacked and awaits sale. Testing at this stage is vital for the same reasons that stood prior to the baling process. With a hand-held electronic probe tester, such as the AgraTronix HT-PRO™ or DHT-1™, you are able to simply insert the probe into the bale and determine its moisture level. Probes come in a variety of lengths, 18", 20", 24", and 32", giving you flexibility along with reliability.

#### **Features**

- 10" and 20" probe lengths available
- Includes calibration clip less than 20 seconds to calibrate
- Above and below moisture limit indication
- Illuminated LCD display



The First and Only Portable Hay Moisture Tester With A Calibration Clip

#### **Specifications**

- Moisture range: 8% 44% depending on hay tested
- Temperature range: 32° 225° F (0° 107° C)
- Accurate throughout the normal range of stored, baled hay
- Display resolution: 0.1% moisture
- 9V battery required

#### **Accessories**

Calibration clip - 07156



#### **Coffee / Cocoa Bean Moisture Tester**

Part No.: 38150

#### **Features**

- **ROASTED (2 9%)** PARCHMENT COFFEE (6 - 30%) ARABICA (6 - 30%) **ROBUSTA (6 - 40%)**
- Displays coffee test weight (no pre-weighing) Measures moisture fast, easy, and accurately
- Non-compaction design with LCD display
- USB compatibility
- Automatic temperature compensation

#### **Specifications**

- Direct readout for 4 different coffee scales: Temperature range: 40° 113° F (5° 45° C)
  - Repeatability and accuracy: ±0.2% in normal moisture range for stored coffee
  - · Display resolution: 0.1% moisture
  - 4 AA batteries included and USB Cord for UPGRADES

#### Accessories

Carrying case - 06080 USB Cable - 06067

#### **Coffee / Cocoa Bean Moisture Tester**

Part No.: 08150

#### **Features**

- Easy to operate
- Measures both green and parchment coffee beans
- Multiple sets of grain scales for customization of offsets by the operator
- Easy basic mode or advanced precision calibration mode to match local elevator table top moisture testers
- Averaging capabilities displays running average of tests
- Higher-frequency, capacitive circuit insures accuracy

- Moisture range: green coffee 7% 40% parchment coffee - 8% - 40% cocoa - 4% - 20%
- Temperature range: 32° 113° F (0° 45° C)
- Repeatability and accuracy: ±0.5% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- · Two 9V batteries required

#### Accessories

Carrying case - 06053 Replacement cap - 06061



Coffee

#### **Features**

- · Fast, easy and accurate measurements for Rice moisture Test weight Temperature
- Scale upgrade with USB port
- Automatic temperature compensation
- Integrated levelling system
- Non-compaction design

#### **Accessories**

Carrying case - 06080 USB Cable - 06067

#### **Specifications**

- Temperature range: 5° 45° C
- Repeatability: ±0.3% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Moisture range: 6% 25% depending on rice White Rice - For Low Moisture 6% - 17% White Rice - For High Moisture 14% - 25% White Long Rice - For Low Moisture 6% - 15% White Long Rice - For High Moisture 13% - 25% White Short Rice - For Low Moisture 6% - 15% White Short Rice - For High Moisture 13% - 25% White Glutinous Rice - For Low Moisture 6% - 18% White Glutinous Rice - For High Moisture 15% - 25% Paddy Rice

#### Corn Stove Moisture Tester

Part No.: 08160

#### **Features**

- · Easy to operate
- More accurate than scoop type testers
- Easy basic mode or advanced precision calibration mode to match local elevator table top moisture testers
- Averaging capabilities displays running average of tests
- Back light display
- Higher-frequency, capacitive circuit insures accuracy

#### **Specifications**

- Moisture range: 8% to 40% depending on grain tested
- Temperature range: 32° to 113°F (0° to 45°C)
- Repeatability & Accuracy: ± 0.5% in normal moisture range for stored grain
- Display Resolution: 0.1% moisture
- Two 9V batteries not included

#### **Accessories**

Replacement cap - Part No. 06061 Carrying case - Part No. 06053





#### **Temperature Probe - 59 inch**

Part No.: 07125

#### **Features**

 Easily measure and manage the temperature of solid materials in the field or bin on the following materials:

Grain | Loose Hay or Forage | Grain and Forage Silo Bags | Mulch | Wood Chip / Pellets | And other similar solid materials



- Temperature range 5°F to 158°F (-15°C to 70°C)
- 59 Inch probe length
- Choose between Fahrenheit or Celsius
- 10 Minute automatic shut-off









Grains

Mulch

Silo Bags

Loose Hay

Soil

#### **NEW 4-in-1 Soil Tester**

Part No.: 08185

#### **Features**

- 4-in-1 Soil Tester for plants and lawns
- Measures sunlight (9 levels), soil moisture (5 levels), soil pH (12 levels) and temperature (°C & °F)
- 200mm long probe
- Auto power off
- Survey light intensity of current environment

- Fast and precised measurements
- High accuracy
- · Backlight feature
- Great tool to help fix your lawn when grass does not want to grow in certain areas of your yard



#### **Soil Compaction Tester**

Part No.: 08180

#### **Features**

- Increases crop yield by measuring the extent and depth of soil compaction
- 24" stainless steel rod with adjustable shock collar to prevent damage
- Easy-to-read, color-coded, stainless steel dial that is liquid filled to reduce shock
- Durable molded housing with rubber grips
- Large and small tip included with convenient storage in tester housing
- Easy to store on wall or above workbench

#### **Specifications**

- Penetration depth: up to 24" in 3" increments
- Green testing range (0-200 psi): good growing conditions
- Yellow testing range (200-300 psi): fair growing conditions
- Red testing range (300 psi and up): poor growing conditions
- Two tips included: 1/2" tip for firm soil, 3/4" tip for soft soil



#### **Replacement Tips**

1/2" small tip - 08181 3/4" large tip - 08182





#### **TMT Tobacco Moisture Tester**

Part No.: 08195

#### **Features**

- Measures moisture content of three types of tobacco throughout the moisture range specified by tobacco industry standards
- Direct readout in 0.1% increments
- Automatic temperature compensation
- Tester enclosure and rugged 20" probe shaft
- Calculates the average value of several measurements
- 9V battery required

#### **Moisture Range**

• Barley: 13% - 30%

• VFC: 13% - 30%

• Oriental: 10% - 20%

#### **Accessories**

Probe only - 07251



#### **WCT-1 Wood Chip Moisture Tester**

Part No.: 08190

#### **Features**

- Accurate results for wood chips, wood pellets, pellets and sawdust from chainsaw debris
- More reliable than the traditional pin method because the reading is taken throughout the wood sample and not just from the outer surface
- · 9V battery required

#### **Moisture Range**

- Chainsaw wood chips/sawdust: 15% - 65%
- Wood pellets: 4% 23%
- Normal sawdust: 6% 30%

#### Accessories

Replacement cap - 06061



#### **WCT-2 Wood Chip Moisture Tester**

Part No.: 08191

#### **Features**

- Measures the moisture content from piles of logging residue when creating energy
- Developed with the help of several governmental departments around the world
- Accurate results from the following types of burning logging residue: wood chips, logging residue chips, medium-sized logging residue chips, coarse logging residue chips
- 9V battery required

#### **Moisture Range**

- Wood chips: 12% 40%
- Logging residue/brash/slash: 30% - 70%

#### **Accessories**

Dish probe only - 07253



#### **Cotton Moisture Tester**

Part No.: 07126

#### **Features**

- Automatic temperature compensation;
- Calculation of average values;
- Easy to adjust calibration;
- Clear display with large easy to see numbers
- Tester enclosure and rugged 20" probe shaft

Wile Cotton is used together with 07251, 20" probe

#### **Specifications**

- Analyzed material: raw cotton (loose)
- Six calibrations for different types of loose raw cotton which differ by quality and amount of debris
- Moisture measurement range: 5.2 30%
- · Accuracy: ±2% moisture

#### Accessories

Probe only - 07251



#### **Ag-MAC™ Plus Grain Moisture Tester** with Test Weight

Part No.: 30100

#### **Features**

- Direct readout for 20 different grain scales
- Displays grain test weight (no pre-weighing)
- · Measures moisture fast, easy, and accurately
- · Non-compaction design with LCD display
- USB compatibility for updates of grain scales and firmware
- Automatic temperature compensation
- Hot corn up to 160° F (71° C)

#### **Specifications**

- Moisture range: 6% 45% depending on grain tested
- Temperature range: 32° 122° F (0° 50° C)
- Repeatability and accuracy: ±0.2% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- · 4 AA batteries included

#### **Accessories**

Carrying case - 06080 USB Cable - 06067

Moisture has the ability to cripple a whole year's worth of harvest if it is not checked from time to time.

In fact, ignoring such a critical issue it can actually lead to:

- Additional costs if the harvested grain is wetter than is acceptable
- Loss of value for dried grain since it has to be sold for less
- Spoiling the grain if it happens to be too wet and is not stored properly

#### **Grains:**

**BEST** 

SELLER

Barley 2R, Barley 6R, Corn, Lentils, Oats, Rapeseed (Canola), Rye, Safflower, Sorghum (Milo), Soybeans, Sunflower Oil, Triticale, Buckwheat, Peas, Wheat: Durum, Wheat: Hard Red Spring, Wheat: Hard Red Winter, Wheat: Soft Red Winter

#### **MT-16 Grain Moisture Tester**

Part No.: 08155

#### **Features**

- Direct readout for 16 different grain scales - each scale adjustable to match local elevator
- Automatically averages up to 99 test results
- High frequency capacitive circuit with accurate temperature compensation
- Used reliably by the USDA Federal Crop Insurance Field Office
- Protective carrying case with shoulder strap included

#### **Specifications**

- Moisture range: 5% 40% depending on grain tested
- Temperature range: 32° 113° F (0° 45° C)
- Repeatability and accuracy: ±0.5% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- 9V battery required

#### Accessories

Carrying case - 06052 Replacement cap - 06061





#### **Additional Grains by Request:**

**Grains:** 

Alfalfa, Black Pepper, Buckwheat, Cardamom, Chickpea, Faba Bean, Flaxseed (Linseed), Green Lentils, Milk Powder (4% Fat), Milk Powder (Fat Free), Milk Thistle, Millet, Mustard Seed, Peanuts, Poppy Seed, Radish, Raw Coffee, Red Fescue, Red Lentils, Rye Grass, Safflower, Seaweed, Spinach Seed, Teff, Wheat Flower, White Clover, White Lupine



Clamshell Packaging



# MT-PRO+ Grain Moisture Tester with Extra Features

Part No.: 05100

#### **Features**

- Direct readout for 40 different grain scales
- 2.5" LCD display with selectable large or standard size fonts
- · Low battery indicator and battery saver
- Illuminated, multilingual display English, French, German, Italian, Portuguese, Spanish and Swedish

#### MT-PRO+ additional features include:

- Larger LCD
- Backlit push-button interface for low light conditions
- Automatically averages selectable number of tests
- Stores averaged readings for all grains tested
- USB port for personalization (adding user name), grain scale and firmware updates and diagnostics
- If grain is above/below limit, will display what the limits are for that grain

#### **Specifications**

- Moisture range: 5% 40% depending on grain tested
- Temperature range: 32° 113° F (0° 45° C)
- Repeatability and accuracy: ±0.5% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Two 9V batteries required

#### Accessories

Carrying case - 06053 Replacement cap - 06061 5' USB Cable - 06067



Clamshell Packaging



#### **Grains:**

Alfalfa, Barley, Beet, Buckwheat, Canary, Clover: Purple, Clover: White, Corn, Dactyl, Fescue, Flax (Linseed), Lentils, Millet, Mustard, Navy Beans, Oats, Peanuts: Spanish, Peas: Fodder, Peas: Green, Peas: Yellow, Phleum, Popcorn: White, Popcorn: Yellow, Rapeseed (Canola), Rice: Long, Rice: Medium, Rye, Rye Grass, Safflower, Sorghum (Milo), Soybeans, Sunflower: Oil, Sunflower: Stripe, Triticale, Wheat: Durum, Wheat: Hard Red Spring, Wheat: Hard Red Winter, Wheat: Soft Red Winter, Wheat: White

NEW SCALES: Chia, Hemp, Quinoa



#### **MT-PRO Grain Moisture Tester**

Part No.: 08125

#### Features

- Direct readout for 40 different grain scales
- Tests high moisture grain up to 40 percent
- Single-point or precision multi-point calibration to match local elevator
- Built-in average button displays the average of saved test results
- Higher-frequency, capacitive circuit for greater accuracy
- Enhanced temperature compensation circuit
- Illuminated, multilingual display English, Spanish, French, German, Italian, Portuguese and Swedish
- Includes protective carrying case with shoulder strap

#### **Specifications**

- Moisture range: 5% 40% depending on grain tested
- Temperature range: 32° 113° F (0° 45° C)
- Repeatability and accuracy: ±0.5% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Two 9V batteries required

#### **Accessories**

Carrying case - 06053 Replacement cap - 06061



Clamshell Packaging



#### **Grains:**

Alfalfa, Barley, Beet, Buckwheat, Canary, Clover: Purple, Clover: White, Corn: High Moisture, Corn: Low Moisture, Dactyl, Fescue, Flax (Linseed), Lentils, Lupins: Yellow, Millet, Mustard, Navy Beans, Oats, Peanuts: Spanish, Peas: Fodder, Peas: Green, Peas: Yellow, Phleum, Popcorn: White, Popcorn: Yellow, Rapeseed (Canola), Rice: Long, Rice: Medium, Rye, Rye Grass, Safflower, Sorghum (Milo), Soybeans, Sunflower, Sunflower: Stripe, Triticale, Wheat: Durum, Wheat: Hard Red Spring, Wheat: Hard Red Winter, Wheat: White



#### Portable MT-PRO Grain Kit and Grain Weight Scale

Part No.: 09110

#### MT-PRO Grain Moisture Tester Specifications

- Moisture range: 5% 40% depending on grain tested
- Temperature range: 32° 113° F (0° 45° C)
- Repeatability and accuracy: ±0.5% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Two 9V batteries required

#### Hanging Grain Weight Scale

- 15.5 in. long
- Metric or standard weights
- Measures grain test weight (lbs. per bushel)
- Test range: 15 70 lbs. per bushel;
   20 90 kg per hectoliters

#### **Accessories**

MT-PRO - 08125 MT-PRO carrying case - 06062 Grain Weight Scale - 08170

The Most Cost Effective Product for Accurate Moisture and Grain Test Weight



#### **GMT-GRIND\* Grain Moisture Tester**

Part No.: 08201

\* Did you know grinding is the most accurate method to test through the whole grain.

#### **Features**

- Direct readout for 31 different grain scales
- Smallest sample size needed by any portable grain tester
- Individual offset adjustment by crop
- Illuminated LCD display with adjustable contrast and battery voltage indication
- Aluminum tester enclosure with accurate steel test cell
- Wire cleaning brush included to easily clean test cell
- Sturdy carrying and storage case included
- Ideal for pre-harvest decisions

#### **Specifications**

- Temperature range: 32° 122° F (0° 50° C)
- Automatic average of the last four measurements
- Repeatability and accuracy: ±0.5% in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- 9V battery required

#### Accessories

Cleaning brush -08200 Carrying case -08205



#### **Grains:**

Carrying case includes: Grinding Grain Moisture

Wire Cleaning Brush

**Operating Instructions** 

Sturdy Carry and

Storage Case

Tester

Barley, Winter Barley, Wheat, Buckwheat, Oats, Rye, Triticale, Peas, Corn, Beans, Rapeseed (Canola), Sunflower, Linseed, White Mustard, Red Clover, White Clover, Ryegrass, Soybeans, Wheat Flour, Spelt, Caraway, White Rice, Paddy Rice, Meadow Grass, Red Fescue, Durum Wheat, Meadow Fescue, Timothy, Rape (Turnip), Broad Bean, Millet



#### 1210 Silage and Grain Moisture Tester

Part No.: 01210

#### **Features**

- Tests freshly chopped and ensiled silage within 1 minute
- Digital log reading with conversion chart for common silage types
- 100 plastic bags included to keep test cell clean

#### **Accessories**

100 Replacement plastic bags - 6801 Thermometer - 6977 Log cards - DOCU-C0003

#### **Specifications**

- Moisture range: silage: 30% 75%; grain: 10% -47%
- Repeatability: ±0.5% in normal moisture range for stored grain
- Accuracy: within 1% for grain at normal stored moisture, 2% for silage under 50% moisture, 3% for silage over 50% moisture
- 9V battery required



Wheat

**Grains:** 

Shelled Corn, Soybeans, Peas, Wheat, Hard Wheat, Oats

# New Hard Shell Carry Case for Hay and Grain Testers\*

Part No.: 08206

#### **Features**

- External Dim 34.6" X 13.4" 5.3"
- Internal Dim 34" X 11.8" X 4.9"
- Large enough to hold two Hay and two Grain Testers
- · Sliding locks
- · Lined with Protective Foam



\* Testers shown in Hard Shell Carry Case are NOT included

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