

## VAC-A-SAMPLE® PNEUMATIC SAMPLING SYSTEMS

**AT LAST...a fast and easy way to sample and maintain quality.**

BE SURE YOUR GRAIN IS FREE FROM INSECT INFESTATION, MOLD GROWTH, MOISTURE POCKETS AND UNCERTAIN AERATION.

### SAMPLING

The Vac-A-Sample lets you know the condition of your grain- from top to bottom- up to 60 feet deep and more. Two men can easily make six or seven 60-foot probes in the span of a working day. The Vac-A-Sample eliminates unnecessary shifting and turning of stored grain, shortens the sampling time, fumigating time and the handling hours.

Not only can the Vac-A-Sample be used in grain, but all kinds of dry, free-flowing materials. The cyclone is engineered to exhaust air as it deposits the sample from the "core". A continuous sample is fed into the cyclone collector through a flexible neoprene hose attached to the probe. As the air flow is moving downward it creates a vacuum, "lifting" the sample upward, forcing the probe further into the mass.



*Vac-A-Sample with Accessories*

The probe itself is a series of sections of inner and outer tubes. The chamber formed between these two tubes allows air to pass downward to the tip of the probe where the pneumatic action takes place.

### TEMPERATURE MONITORING

The Vac-A-Sample has an optional tip section that has a specifically designed thermistor installed for use with our VSTM Temperature Meter to allow for direct temperature assessment while sampling. This feature lets the operator know the approximate temperature at the various levels of sample taking to determine the presence of "hot spots" in the bin or vessel. Additionally, the ease with which the Vac-A-Sample penetrates grain makes it an ideal method for accurately placing more permanent temperature cables. A special fitting "hook" on the tip section of the probe holds the cable in position as the probe goes into the grain. Once in position, the cable will stay in place as the probe is withdrawn.

### FUMIGATION

The Vac-A-Sample is also an effective instrument for distributing insecticides. When hot spots occur, due to insect infestation or moisture accumulation, treatment is made easy by inserting the Vac -A-Sample into the suspected area and pouring the insecticide or dropping the insecticide tablets into the probe. This application should be made with either the burr tip section or with no tip section at all. The type of infestation, the size and specific location of the hot spot can be determined by successive probes. Treatment can then be made locally, eliminating the need for treating the entire bin or having to move the grain.

Vac-A-Sample, Base Unit includes 110V, 50/60Hz, 1 PH Motor, Cyclone & Protective Screen .....	<b>No. Q71P1000</b>
Vac-A-Sample, Base Unit includes 230V, 50/60Hz, 1PH Motor, Cyclone & Protective Screen .....	<b>No. Q71P1001</b>
10' X 1 1/2" Flexible Vinyl Hose .....	<b>No. Q71P1300</b>
20' X 1 1/2" Flexible Vinyl Hose .....	<b>No. Q71P1310</b>
30' X 1 1/2" Flexible Vinyl Hose .....	<b>No. Q71P1320</b>
Grain Lever Yoke .....	<b>No. Q71P1800</b>
Gooseneck Connector .....	<b>No. Q71P1200</b>
Rubber Spacer (for Inside of Tube) .....	<b>No. Q71P1180</b>
Tube Connector Pliers .....	<b>No. Q71P1600</b>

Canvas Tube Carrier (Holds 9 sections) .....	<b>No. Q71P1700</b>
4 Foot Grain Probe Section .....	<b>No. Q71P1100</b>
Burr Tip Section (Hard Packed Materials) .....	<b>No. Q71P1400</b>
Burr Tip With Thermistor .....	<b>No. Q71P1401</b>
Fine Tip Section (Rice,Wheat,Milo,Barley) .....	<b>No. Q71P1410</b>
Fine Tip Section With Thermistor .....	<b>No. Q71P1411</b>
Coarse Tip Section (Corn, Soybeans) .....	<b>No. Q71P1420</b>
Coarse Tip Section With Thermistor .....	<b>No. Q71P1421</b>
Temperature Meter, Case and Cord .....	<b>No. Q71P1500</b>
(Tip Section w/Thermistor Required)	