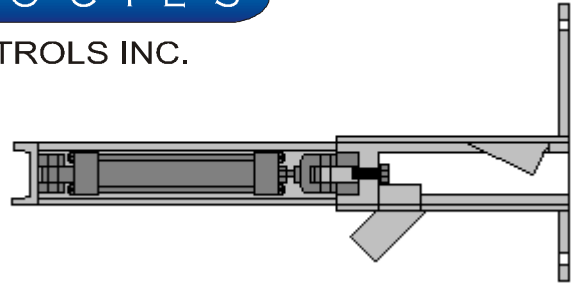


Model SWS/1001/H Hydraulic Grain Sampler



The **Model SWS/1001/H** Hydraulic Grain Sampler is a probe type sampler that works in conjunction with any Superior bulk weighing system or operates as a stand alone unit. The sampler is installed in the lower garner where a hydraulically actuated sample head extends into the product flow whenever a sample is required. When the sample head returns to the retracted position, the sample travels through a flexible spout (not included) to a container (not included) which will store the product until such time as the sample can be graded.

Interfaced Control

When the **Model SWS/1001/H** is used with the Superior WinCMS or the QWICC Commodity Management System the frequency and duration of the sampler can be controlled directly from the scale workstation. Different control parameter can be stored for each of the three weighing modes (ship, receive and audit). The extension of the sample head into the lower garner is controlled via the PLC to coincide with the scale discharge cycle to ensure an accurate sample.

Stand Alone Control

The **Model SWS/100/H** Automatic Controller, housed in a NEMA 12 enclosure is ideal for operating a sampler as a stand alone unit. Features include a "Programmable Logic Controller" (PLC) as well as a "Data Access Unit" (DAU) for operator control of all timer/counter functions. Operators are installed for auto/manual, and start which also doubles as "one time sampling" when in the manual mode. In Auto, the sampler will operate as per programmed extend and retract times.



SWS/1001/H Specifications

- ◆ Sample Size: 25 cu. in.
- ◆ Probe Material: UHMW
- ◆ Sample Rate: 4 per min. (max)
- ◆ Hydraulic Cylinder: NFPA interchangeable, 1.50" x 6.00", ports are .250" NPT
- ◆ Sampler Location: Lower garner under disc. gate, or other
- ◆ Install Angle: <30°> (min) cylinder end down, off horizontal
- ◆ Probe Extension: 6"
- ◆ Sample Tube Req'd: 2" I.D.
- ◆ Electrical: As per solenoid (not included)

For more information please contact:

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