

Laboratory Mill 120

Hammer type mill for grinding samples into a fine homogeneous particle size



Major features & benefits

Large sample capacity - avoid sampling error - fulfils Falling Number requirement

Automatic feeding - easy grinding of 300 gram sample for i.e. Falling Number analysis

Homogeneous particle size - fine, homogeneous sample as required by Falling Number, Glutomatic and NIR analysis

High moisture grinding - slow feeding allows grinding of i.e. wheat up to 25% moisture

Sealed Bearings - enhance lifetime of the mill reducing failures

Laboratory Mill 120

The Laboratory Mill 120 is a hammer type mill built on a stable metal body. An airflow feeder regulates feeding of the sample into a metallic grinding chamber. A hardened steel hammer rotates at high speed forcing the sample through a stainless steel sieve.

Filter bag

The ground meal, after passing through the sieve, is collected in a filter bag placed below the grinding chamber.

Sieves

Standard sieve 0.8 mm is used for Falling Number, Glutomatic/Gluten Index and NIR analyses. Sieves of 0.5-2.0 mm are available.

Features & benefits

Large sample capacity: Avoiding sampling error - fulfils Falling Number requirement.

Automatic feeding: An airflow feeder regulates feeding and makes grinding of 300 gram for i.e. Falling Number easy.

Homogeneous particle size: Sample passes sieve that determines the particle size.

High moisture grinding: Slow feeding allows grinding of samples of up to 25% moisture.

Safe operation: Motor can not start with door open. Mill stops immediately if door is opened.

Robust metal construction: Reliable operation and long instrument life.

Laboratory Mill 120 approved for:

Falling Number test - to determine the alpha-amylase activity in wheat and rye.

Glutomatic/Gluten Index test — to determine wet gluten quantity and quality. *NIR-Analysis* — to determine protein, fat, hardness, ash and moisture after grinding.

Optional Mill Feeder

A motor driven rubber paddle Mill Feeder can be added to **provide a** consistent feeding of the mill. This improves the grinding of high moisture grain and of grain with the hull remaining, e.g. barley, oats and rice. The feeding of raw materials and coarse ground products is also improved.

Specifications

Operation: Belt drive 1:6, 16,800 rpm

Capacity: 300 g in 30-50 seconds depending on moisture content

Power requirement: To suit all standard power supplies (specify voltage and frequency on ordering)

Dimensions (H X D X W): 545 X 460 X 240 mm

Net weight: 28 kg

Your Distributor



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