

# Laboratory Mill

Mill Feeder 3170



**Benefits:**

- Easy to Operate
- Improved Homogeneity
- Reduced Clogging

## Mill Feeder 3170

Mill Feeder 3170 is a motor driven, rubber paddle feeder that attaches to any Laboratory Mill from Perten Instruments. To operate the feeder, simply pour in the sample into the funnel above the feeder, start the mill and then start the feeder. The Mill Feeder provides consistent feeding of the sample into the grinding chamber.

Consistent feeding of the sample improves grinding by giving an improved homogeneity in the ground sample when compared to manual feeding. The steady feed of the grain at a slow and even speed improves grinding performance for samples with higher moisture or oil contents.

The rubber paddle principle and the use of a low voltage supply ensure safe operation of the feeder. The feeder can be set to three different speeds—one of which is adjustable. For a 300 gram grain sample the settings give feeding times between 1 and 5 minutes.

## Specifications

Motor driven feeder for Laboratory Mills, adjustable in three speeds. Delivered with transformer for 230 or 115 volt.

**Power requirements:** 12 VAC, 50/60 Hz

**Power consumption:** 5 W

**Dimensions (HxDxW):** 148x82x188 mm. Increases mill height by 55 mm (hammer mills)/125 mm (disc mills)

**Net weight:** 1.7 kg (including transformer)

## Suits all Lab Mills from Perten Instruments

**LM 3100:** Sound-proofed, cyclone outlet hammer mill approved for Falling Number, Gluten Index and other grain analysis.

**LM 120:** Hammer mill approved for Falling Number, Gluten Index and other grain analysis.

**LM 3600:** Disc mill for grain moisture and large particle grinding.

**LM 3303:** Disc mill for grain moisture and PSI Hardness test.



Lab Mill 3100



Lab Mill 120



Lab Mill 3600



Lab Mill 3303