ERKAYA
INSTRUMENTS

Industrial Laboratory Mill
RM 1900

Far Beyond
the Ordinary

Industrial Laboratory Mill **RM 1900**

- Industrial Laboratory Mill simulates the main steps in an industrial mill. Main steps are:
  - Breaking process in fluted rolls
  - After sieving process, flour + semolina + coarse bran is obtained in 3 separate bowls.
  - Fine grinding of the semolina in flat rolls.
  - After sieving process, flour and bran is obtained.
  - The flour which is obtained from breaking and reduction part are collected into a vessel and total sum refers to % flour yield of the grain.
- Includes **a breaking part** which includes 3 fluted rolls and **a reduction part** which has 2 flat(smooth) rolls.
- Test Duration: Breaking part: 10 minutes, Reduction part 15 minutes } Total: 25 minutes

Industrial Laboratory Mill provides these benefits :

- It allows you to determinate quality of wheat at the purchasing step.
- Determination of conformity for quality criteria of prepared blends.
- Estimation of milling characteristics (extraction rate, wheat behavior during the milling process).
- Characterization of obtained flour.
- High quality rheological analysis.
- Reduced maintenance period
- Durable rolls.
- Simple, repeatable, reproducible and standardized method.
- The biochemical composition of the processed flour in this mill is very close to industrial flour (purity, granulometry, histological composition, starch damage, quality and quantity of protein).
- Highly robust rolls. Metallic particles are eliminated by magnetic contact before milling.
- CE certified.

THE MAIN APPLICATIONS

- Ease of selection in purchasing wheat (Determination of quality)
- Evaluation of wheat blend
- Obtaining a representative flour for rheological analysis

SPECIFICATIONS

- Power Requirements : 220/380V – 50/60 Hz
- Power Consumption : 995 W
- Size (W x D x H) : 66-125-90 cm
- Net Weight : 110 kg

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