



HAMMER MILL 1900 | LABORATORY MILL



Purpose :

Used to prepare the sample for the Gluten Analysis, Falling Number Analysis and NIR analysis. For setting of grinding use air flow rate on it.

Specifications :

- Grinding capacity: 300 g in 30-50 seconds.
- Grinding capacity change depending on the moisture degree.
- The ground samples are collected in the container.



- The motor rotational speed is 16,800 rpm and can use the different size of sieves.
- Wheat, barley, corn and other grains can be ground on it.
- After the first sample there is no need to clean for the second sample. With slow feeding it can grind to the 25% moisture of grains.
- With Air flow regulator you can set a flow rate of the samples.
- There is a sensor on the motor cover and when the motor cover is open the device does not work for safety.
- Power is 230 V 50 Hz,

Other Specifications:

Volt/ Hertz	230v - 50/60hz
Amper	7,7A
Power	1,1W
Device Dimensions: W "mm" x L "mm" x H "mm"/Weight. kg	560 x 540 x 650 / 61 Kg
Package Dimensions: W "mm" x L "mm" x H "mm"/Weight. kg	52 x 63 x 80 /68 Kg

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ICC Draft Standard No. 189

INTERNATIONAL ASSOCIATION FOR CEREAL SCIENCE AND TECHNOLOGY



ICC DRAFT STANDARD No. 189

Approved: 2021

1. Title

Determination of 'Falling Number' using Bastak FNCheq to estimate the level of Alpha-Amylase Activity based on viscosity in wheat flour and wheat meal

2. Scope

The method is applicable to wheat flour and wheat meal. In this standard the word "flour" and 'meals/ground wheat' (wholemeal) are not synonymous and their meanings are defined below.

Bastak 4000 and 4500 model roller mills must be used to obtain the wheat flour sample.

Bastak 1900 model hammer mill must be used to obtain the wheat meal sample.

By converting the Falling Number value into the Liquefaction Number, it is possible to calculate the composition of flour mixtures of a desired Falling Number value.

3. References

- ICC- Standard No.101/2, Sampling of Cereal Grains
- ICC-Standard No. 130/1, Sampling of Milling Products (semolina, flour, agglomerated flour and by-products)
- ISO 712 Cereals and cereal products – Determination of moisture content-Reference method



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<https://www.youtube.com/watch?v=ktEz2PHdDQg&t=10s>

Bastak Factory - 7000 m2

20.000 instruments in 142 countries



Youtube > Bastak Factory

<https://www.youtube.com/watch?v=UbtWWhEbLy4>



You can find all Catalogues and Competitor Comparison Tables in this link:

https://drive.google.com/drive/folders/1_4aXqljmISG0Gi7c0KeMuPAGWqvi65mT



Sensitive
Nutrition



High
Efficiency



Monoblock
Study Body



Standard
Grinding



Personal
Security

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