



# Falling Number FN 8100



**Far Beyond  
the Ordinary**

# Falling Number FN 8100

FN 8100 is the newest and most modern Falling Number model and offers many new benefits and improved features. FN 8100 is the first touch screen integrated falling number device in the world.

- 7" Touch Screen Display on the side
- Single analysis system
- 3 different themes of display
- All function buttons are one touch away. Easy to use.
- Measures FN conforming to international standards (ICC and AACC Standard methods)
- Segregation of sound and sprouted grain to save money and ensure quality
- Possibility to perform;
  - Classical Falling Number Test in wheat flour and meal
  - Falling Number Test in wheat flour with altitude correction
  - Falling Number Test in meal of wheat, durum, rye and barley with altitude correction
  - Fungal Falling Number Test to detect alpha amylase enzyme activity which is added to flour
- Automatic altitude correction and automatic recalculation of FN results
- Calculation of Moisture FN, Moisture GR, Mean Value, Liquefaction Number, Blends
- LAN connection
- Optional Print Out
- Archive

## Uses

- |                    |   |   |
|--------------------|---|---|
| Segregation        | : | Save money by avoiding mixing sound and sprouted grain.                     |
| Blend Optimization | : | Blend grains or flours to create a product with specific characteristics.   |
| Quality Assurance  | : | Ensure deliveries meet end-user specifications and purchase agreements.     |
| Fungal FN          | : | Verify total enzymatic activity in flours supplemented with Fungal enzymes. |

## Recommended Accessories

- |                               |   |  |
|-------------------------------|---|--|
| Cooling Unit CL 5             | : | Saves water and environment by re-circulating cooling water. |
| Shakematic FN 7               | : | Automatic shaker for fast and uniform sample mixing.         |
| Laboratory Mill HM 210 or 310 | : | Approved hammer mills for preparation of grain.              |
| Printer                       | : | Compact printer for hard copy results.                       |

## Specifications

- |                           |   |  |
|---------------------------|---|--|
| Power Requirements        | : | 110 V - 60 Hz or 220 V - 50 Hz (specify on order)                              |
| Power Consumption         | : | Heat-up 1000 VA, Running 500 VA  |
| Cooling Water Consumption | : | 20 - 45 l/h  |
| Size (W x D x H)          | : | 30*59*58 cm (when display on the side)<br>23*59*58 cm (when display fold back) |
| Net Weight                | : | 21 kg  |
| Display                   | : | 7" color touch screen  |