

# Laboratory Falling Time System

## MFT 26

Instrument for determination alpha-amylase activity

- From official Method: AACC/No. 56-81B, ICC/No. 107/1, ISO/DIS 3093
- Compact design
- Low costs analysis
- Reliable, safe and easy to use

This Instrument to determine the Falling Time Number has been designed to provide the maximum security to the operator by the implementation of several automatisms like the handling of the test tube.

### Operation:

A sample is prepared in a test tube according to the official method, the viscosimetric stirrer is placed into the test tube and a plastic holder will attach the tube to the instrument arm.

After pressing the START button, the test tube will be introduced automatically into the boiling water bath and the sequence of test will start. At the end of the test, the test tube is automatically removed from the water bath. The result of the analysis is shown on a 3-digit display. If a printer or a PC is connected, the results will be transmitted to the connected item to record it or print a hard copy.

The Falling Number System measures the alpha-amylase enzyme activity in grains and flour to detect sprout damage, optimise flour enzyme activity and guarantee the quality of traded grain. The Alpha-amylase activity is crucial for final product quality of bread, pasta, noodles and malt. Anyone handling wheat, barley, rye or sorghum intended for these applications will benefit from the Falling Number System.

### **Technician data:**

Size (w x d x h):	300 x 395 x 575 mm
Weight:	33 kg without water
Power supply:	230 V / 50 Hz
Max. Input (heater):	1 000W
Operating supply:	350 W
Interface:	RS 232 for data printer or PC



### **Producer:**

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