SWANTECH

Alpha-Amylase Activity / Falling Time system.

The instrument is microprocessor controlled and includes a shaking mechanism associated to temperature regulated water bath. The water bath needs no external cooling water as the water level is kept constant by a built-in water tank.

The Falling Time is displayed in seconds on a LCD when a sound indicates the end of the operation. Operator help messages are also displayed in English language during the process of the sample.

The sample is prepared in a viscosity tube by mixing 25ml of water with the flour in quantity according to the international norm for determination of the Alpha-Amylase Activity.

The viscosity tube is inserted in the water bath and after a 5 seconds delay, a metallic agitator designed according to the norm is mechanically shacked during 55 seconds and then released in the up position in order to fall in the sample mixture. The counting stops at the end of the operation indicating the Falling Times. The temperature of the water bath is displayed during the operation.
The result are displayed and can be printed on a serial graphic printer.

Requested accessories :

(international norm ISO 3093)

- Laboratory mill with particle size distribution suitable for Alpha Amylase Activity determination.
- Scale, accuracy +/- 0.05 g
- Moisture tester for grain and flour (to determine the quantity of grain or flour to be analysed).
- Optional graphic printer

Technical details :

- Size : 500 x 300 x 600 mm
- Weight : 23 Kg
- Power supply : 220/230 V
- Consumption :
  Starting / heating :
  max. : 1000 VA
  Shaking : 15 VA

Supplied with :

- 10 tubes
- 1 agitator

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