

EmbraLabs GrainStain



Designed to carry out rapid staining tests on seeds, particularly barley and wheat



Features Include:

- Two and four place versions available
- Electronic control of staining fluid temperature
- Independent vacuum gauge and control valve for each tube
- Integral vacuum pump adjustable to 380mm Hg
- Individual tube drain system
- Audible alarm system

Description

Precision control of temperature, vacuum and time allows staining to be carried out under reproducible and standardised conditions, thereby ensuring optimum staining performance. Powered by mains voltage it can accommodate several samples at once or in overlapping sequence.

The *GrainStain* is completely self-contained with its own integral vacuum pump. Electrically heated sample tubes, fitted into a corrosion resistant casing, are sealed with push fit tops. An adjustable vacuum relief valve allows evacuation to 380mm of mercury indicated by gauge. Vacuum to each tube is controlled by individual 3-way taps via a manifold. The vacuum pump filter bowl and adjustable relief valve are fitted on the outside of the case for ease of maintenance.

Tubes are individually heated and temperature control is by electronic sensor with front of panel set-point adjustment up to 60°C. Each tube can be drained for cleaning and replacement of staining fluid by means of a tap mounted on the outside of the casing. All taps connect with a common drain outlet.

Other Features / Benefits

- Illuminated mains power on / off switch
- Vacuum pump switch plus indicating LED
- Timers adjustable up to 30 minutes each with indicating LEDs
- Audible alarm system with push button cancel facility
- Heater indicating LEDs
- Individual adjusters for each sample tube temperature measurement

Specification

<i>Case:</i>	Glass reinforced plastic
<i>Dimensions:</i>	Two place - 335 x 300 x 165mm Four place - 535 x 300 x 165mm
<i>Sample tubes:</i>	Material - High temperature plastic Dimensions - 150mm deep x 35mm diameter Two place - 8Kg Four place - 14Kg
<i>Power supply:</i>	Mains - 110 or 240v 50 / 60Hz
<i>Vacuum system capacity:</i>	Adjustable up to 380mm Hg
<i>Timer:</i>	Adjustable up to 30 minutes delay
<i>Heater mats:</i>	20 watt
<i>Temperature controls:</i>	Adjustable up to 60°C ± 0.5°C

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