

HESTION

- *Histology*

Daintree Scientific – Australia



CM2850 CRYOSTAT MICROTOME

CM2850 is a fast-cooling instrument. It greatly reduces the biological tissue freeze time. When there is a need for temporary use, the instrument can be switched on and then by pressing the key "Fast Freezing" , the refrigeration and the semi-conductor refrigeration will run, and after only 30 minutes the tissue can be cut.

.Type of disinfecting: by formalin fuming and ultraviolet radiation .

- **Defrosting: Select Automatic or Manual defrosting.**
- **Sealed drainage system**
- **Double-speed motor drive is installed on the left hand position for easy operation.**
- **Rapid refrigerating: from “power on” to the slice cutting temperature only requires 30 minutes**
- **Standby Function : when this feature is activated, the refrigeration temperature will keep at -4deg C ,which can reduce energy consumption.**

Unique design of the glass plate bend , ensuring continuous slice cutting

- **Blade holder can move in horizontal direction**
- **Section thickness: 0 -60um, in 1 um increment, thickness error: $\pm 10\%$.**

Temperature range of refrigeration: -15 to -30 deg C, adjustable. .

Temperature by semi-conductor refrigeration can achieve - 50 deg C

Movement of specimen clamp in horizontal is 20mm, vertical is 50mm

Maximum specimen size diameter must be less than 50 mm

The forward and backward moving speed of specimen clamp: 0.8mm/s or 0.2mm/s

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