

## Starlet 2212 Cryostat Microtome

### Scope:

The Bright Starlet is the world's smallest cryostat! It is a small, portable and convenient instrument with a choice of handwheel or lever operation. The compact chamber ensures rapid cool-down times, An insulated cover is used to ensure maximum efficiency of the refrigeration system and to reduce frosting when the unit is not in use. If the unit is transported, the chamber will remain cold for a prolonged period.

### Test procedure:

The bars are placed under the deflection measuring device. A load of 0.45 MPa or 1.80 MPa A sample is placed into the holder and clamped; the specimen is then cut to a size that is determined by the operator the size of specimen is between 2-12 $\mu$ m. The specimen is then captured onto the removable plate this will allow easy access for testing.

### Starlet 2212 Cryostat Features:

- Single refrigeration system (to -30°C)
- Manual microtome with 2-12 $\mu$ m feed
- Magnacut blade holder with long-life disposable blades
- Magnaplate anti-roll plate system
- Handwheel or lever operation
- Specimen quick freeze (-40°C) with digital display
- Programmable automatic defrost

### Specimen size:

The size range is between 2mm x 2mm to 10mm x 10mm

