

## OLSC-1090A

### Feature:

- Motorized Feed Drive.
- Dual Compressor for rapid freezing.
- Arbitrary Switching between trimming & Sectioning.
- Adjustable cutting angle.
- Portable with 4 castors.
- UV Sterilization.
- Automatic and time controlled defrosting.
- Blade Holder for finger safety.
- Enclosed drainage system.
- Anti-roll device.
- Section counter.
- Frost free encapsulated microtome assembly.
- Visible operating parameters at all times.
- User friendly control panel.
- LCD screen which display data such as section thickness, temperature & other parameters.
- Motorized handwheel movement provided in two speeds with 600 $\mu$ m/s & 900 $\mu$ m/s
- Operating temperature range +10 °C to +35 °C.
- Storage temperature range +5 °C to +55 °C.
- 2 year warranty. Extended warranty can be provided on request.



### Specification :

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|--|--|
| • Section Thickness Range              | : 1 $\mu$ m-60 $\mu$ m                             |
| • Setting Values                       | : 1 $\mu$ m-10 $\mu$ m in 1 $\mu$ m increments.    |
| •                                      | : 10 $\mu$ m-20 $\mu$ m in 2 $\mu$ m increments    |
| •                                      | : 20 $\mu$ m-60 $\mu$ m in 5 $\mu$ m increments.   |
| • Trimming Thickness Range             | : 10 $\mu$ m-100 $\mu$ m in 10 $\mu$ m increments. |
| • Minimum Setting Value                | : 1 $\mu$ m  |
| • Vertical stroke                      | : 65mm   |
| • Specimen horizontal feed             | : 25mm   |
| • Motorized coarse feed                | : 480 $\mu$ m/sec.                                 |
| • Specimen retraction                  | : 5-75 $\mu$ m, in 1 $\mu$ m increments.           |
| • Specimen Orientation : x- and y-axes | : universal 8 <sup>0</sup>                         |
| • Cryo Chamber Temp                    | : -1 to -35 <sup>0</sup> C Adjustable.             |
| • Cooling Downtime to -30degC          | : 60 mins.   |
| • Max. Specimen size                   | : 35x35mm.   |
| • Chamber Defrosting                   | : Programmable or manual.                          |
| • Lowest Temp. of Peltier Unit         | : - 50oC.  |
| • No. of Freezing Stations             | : 10.  |
| • Voltage                              | : 220V.  |

### Standard Accessories :

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|-----------------------------|-------------|
| • Disposable blades 50 no.s | : 1 pkt.    |
| • Freezing medium 120ml     | : 1 bottle. |
| • Object Holder             | : 10 no.s   |
| • Brush                     | : 1no.s     |
| • Set of Allen keys         | : 1set.     |
| • Operating Manual          | : 1pcs.     |