SHERRINGTON'S RECORDING DRUM (DIGITAL KYMOGRAPH)

Kymograph

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Kymograph

Kymograph consisting of a revolving drum, bearing a kymograph paper on which a stylus moves up and down displaying the effects of the drugs on contractile tissues, is commonly used in experimental physiology and pharmacology laboratories in teaching institutions. Muscle or tissue movements are recorded on paper fixed on moving drum using recording lever. Orchid’s Sherrington recording drum is microprocessor controlled unit and is advanced version in comparison to old type of electrically driven pulley adjustment drum.

Features:
- Maintenance free: Microprocessor controlled unit.
- 16+2 LCD Display.
- Digital speed selection.
- Highly accurate speeds-0.12, 0.25, 0.50, 0.75, 1.00, 1.25, 2.50 mm/sec.
- Digital Timer & Time multiplier with Audio & Visual Alarm.
- Very low power consumption.
- Easy height adjustment of drum.
- Auto concentration response curve (CRC) mode & Normal model.
- Sturdy, corrosion resistant body.
- Battery backup (optional).
SHERRINGTON’S RECORDING DRUM (NON-DIGITAL DISPLAY)

Kymograph

Kymograph consisting of a revolving drum, bearing a kymograph paper on which a stylus moves up and down displaying the effects of the drugs on contractile tissues, is commonly used in experimental physiology and pharmacology laboratories in teaching institutions. Muscle or tissue movements are recorded on paper fixed on moving drum using recording lever. Orchid's Sherrington recording drum is microprocessor controlled unit and is advanced version in comparison to old type of electrically driven pulley adjustment drum.

Features:

- Economic
- Price Lower than digital display Kymograph/Mechanical Drum.
- Maintenance free: Microprocessor based system and no complicated gear system.
- Most suitable for undergraduate students.
- Highly accurate speeds: 0.12, 0.25, 0.50, 0.75, 1.00, 1.25, 2.50 mm/sec.
- Extremely resistant to corrosion and leak proof design.
- Very low power consumption.
- Easy height adjustment of drum.
- Operated with stepper motor which is highly accurate and run by microprocessor.
### System Specification & Models:

<table>
<thead>
<tr>
<th>Model</th>
<th>Speeds</th>
<th>Drum Dimensions</th>
<th>Height of Rod</th>
<th>Optional</th>
<th>Power Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRD 01</td>
<td>7</td>
<td>Height: 150mm, Diameter: 150mm</td>
<td>375mm</td>
<td>Battery Back up</td>
<td>220/230V AC 50Hz 110/120V AC 50-60Hz*</td>
</tr>
<tr>
<td>SK-01</td>
<td>7</td>
<td>Height: 150mm, Diameter: 150mm</td>
<td>375mm</td>
<td>Battery Back up</td>
<td>220/230V AC 50Hz 110/120V AC 50-60Hz*</td>
</tr>
</tbody>
</table>

*Needs to be specified in order information

### Ordering Information:

<table>
<thead>
<tr>
<th>Model</th>
<th>Certifications</th>
<th>Accessories Supplied</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRD 01</td>
<td>CE Compliant</td>
<td>Control Panel, Rod, Drum, Knob for Fixing Drum, L key, Mains Cord, Fuse</td>
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Note: Orchid’s continuing product development makes specifications subject to change without prior notification.