Spin-Coating System

These compatible, easy-to-use devices provide a convenient step-by-step method for precise and uniform deposition of thin films and coatings. The dispenser releases accurately measured amounts onto the precision spin-coater. The hot plate and UV curer are then used to bake or cure your thin film or coating. This simple system can be used to deposit metal oxide thin films, polymer coatings, and metal organic thin films.

KW-4A Precision Spin-Coater

The rugged, vibration-free and portable design is ideal for research applications. A two-stage spin process allows dispensing at low speed and homogenizing the coating at high speed. Features a Teflon®-coated stainless steel coating bowl. Shown in photo with a 2 inch diameter, Type CG aluminum vacuum chuck (not included with unit). Order chucks separately below.

Front Panel Controls:
Digital speed readout in 1,000rpm
Timer controls, Stage I and Stage II
Speed controls, Stage I and Stage II
Control switch
Vacuum switch
Power switch
Start switch

Specifications:
Vacuum: >2.1CFM
Speed stability: <1%
Timer Stage 1: 500-2,500rpm
2-18 seconds
Timer Stage 2: 1,000-8,000rpm
3-60 seconds
Dimensions: 8½ W x 8½ H x 10 inches D
Compliance: CE compliant and supplied with a U.S. plug

Volts | Cat. No.
--- | ---
115V | Z55,156-2
220V | Z55,158-9

Type CG Vacuum Chucks

Precision machined aluminum vacuum chuck with circular grooves for thin, flat surfaces.

<table>
<thead>
<tr>
<th>Diameter (in.)</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Z55,168-6</td>
</tr>
<tr>
<td>1½</td>
<td>Z55,169-4</td>
</tr>
<tr>
<td>2</td>
<td>Z55,170-8</td>
</tr>
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</table>
KW-4AH Compact Hot Plate
This easy-to-use hot plate is designed for use with the KW-4A Spin Coater to bake and cure thin films and coatings. Features digital PID control with internal thermocouple for exceptional temperature uniformity.

Specifications:
- Temperature Resolution: 1°C
- Temperature Range: 50-350°C
- Substrate (plate) size: 6 inches
- Compliance: CE compliant and supplied with a U.S. plug

<table>
<thead>
<tr>
<th>Volts</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>110V</td>
<td>Z55,159-7</td>
</tr>
<tr>
<td>220V</td>
<td>Z55,160-0</td>
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</tbody>
</table>

UV Curer
Specifications:
- UV Wavelength: 254nm
- Power output: 2 tubes, 4 watts/tube
- Turn plate: 6 rpm
- Dimensions: 8¼ x 9½ inches
- Compliance: CE compliant and supplied with a U.S. plug

<table>
<thead>
<tr>
<th>Volts</th>
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<tbody>
<tr>
<td>110V</td>
<td>Z55,161-9</td>
</tr>
<tr>
<td>220V</td>
<td>Z55,162-7</td>
</tr>
</tbody>
</table>

Dispenser
Pneumatic dispenser releases accurately measured amounts onto precision spin coater. Includes syringe with a clear barrel.

Specifications:
- Air: 80-100 psi
- Air port: Quick-connect
- Syringe capacity: 55mL
- Dimensions: 8¼ x 9½ x 4 inches
- Compliance: CE compliant and supplied with a U.S. plug

<table>
<thead>
<tr>
<th>Volts</th>
<th>Cat. No.</th>
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</thead>
<tbody>
<tr>
<td>110V</td>
<td>Z55,163-5</td>
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<td>220V</td>
<td>Z55,164-3</td>
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