

**PRODUCT:** | **EL680 & EL680.HD**  
**PURPOSE:** | **HAND-MOTION SHAKER**

Eberbach's Hand-Motion Shaker EL680 is an effective tool for extracting, dissolving, and emulsifying samples. Commonly used for beer bitterness (BU) method in the brewing industry. Featuring an advanced motor, the EL680 mimics hand motion flask shaking from very slow gentle mixing to violent agitation. This variable speed unit runs from 100-960 osc/min (with gentle ramping), and is monitored within 1 rpm of set point by an illuminated digital tachometer.



The control panel is angled away from the unit to ease reading and speed adjustment. The shaker has easily detachable arms equipped with 8 clamps for attachment of all types of tubes, flasks and bottles with diameters between 5 and 50 mm. The EL680 includes a digital timer, rubber feet, and can handle loads up to 10 lbs.

### PRODUCT SPECIFICATIONS...

<b>SHAKING SPEED:</b>	<ul style="list-style-type: none"> <li>• Variable speed regulation from 100 - 960 osc/min</li> <li>• Speed is monitored within 1 rpm of setpoint by digital tachometer</li> </ul>
<b>STROKE:</b>	<ul style="list-style-type: none"> <li>• 5.38 Degrees full arc</li> </ul>
<b>SETUP OPTIONS:</b>	<ul style="list-style-type: none"> <li>• Eight (8) clamps can be attached with all types of tubes, bottles, flasks of diameter between 5 - 50 mm</li> <li>• Custom arms available upon request</li> </ul>
<b>TYPE OF MOUNTING:</b>	<ul style="list-style-type: none"> <li>• Bench top</li> <li>• Suction cup feet prevent creeping</li> </ul>
<b>LOAD CAPACITY:</b>	Accepts up to 8.8 lbs   HD Model accepts up to 10 lbs
<b>POWER REQUIREMENTS:</b>	115V, 50/60Hz or 230V, 50/60Hz
<b>POWER CONSUMPTION:</b>	100 Watts
<b>SIZE AND WEIGHT:</b>	Length: 33", Width: 14", Height: 10" Weight: 70 lbs