STANDARD FEATURES:
- 1HP, 115 volt, 60 Hz, single phase motor (supplied with cord and plug).
- Variable speed control from 500-10,000 rpm.
- Digital electronic controls with built-in speed, power, and timer control and readouts.
- Power lift mechanism with push-button raise and lower controls.
- Type 316 stainless steel wetted parts.
- Sturdy frame for bench mounting.
- All non-stainless steel external surfaces coated with a white two part epoxy paint.
- Easy to completely disassemble and clean with simple hand tools.

AVAILABLE MIXING ATTACHMENTS*:
- LC Attachment: High Shear Rotor/Stator attachment complete with disintegrating, slotted, and fine screen stator heads. Attachment is equipped with a glass filled Teflon bushing.
- ILC Attachment: Inline attachment complete with disintegrating, slotted, and fine screen stator heads.
- DLC Attachment: High speed disperser or propeller mixer attachment.
- MLC Attachment: High Shear Micro Rotor/Stator attachment for batches between 50 and 500 ml.

AVAILABLE OPTIONS:
- Down-thrust propeller for standard rotor/stator attachment.
- Bronze or solid Teflon bushings or Stellite bushing and shaft (for abrasive applications) for standard Rotor/Stator attachment.
- 80 mesh fine screen stator head for standard Rotor/Stator attachment.
- Temperature probe with beaker clip. Temperature is displayed on the machine’s built in digital readout.
- RossLinx data acquisition system for use in acquiring mixing parameter data from the ME-100LC.
- Vessel/Beaker clamp attachment.
- Motors for use on 220 volts or 50 Hz. are available.

<table>
<thead>
<tr>
<th>Model Series 100</th>
<th>HP</th>
<th>RPM</th>
<th>D O.A. Height</th>
<th>E O.A. Width</th>
<th>F O.A. Length</th>
<th>G (LC attachment)</th>
<th>G (ILC attachment)</th>
<th>G (DLC attachment)</th>
<th>G (MLC attachment)</th>
<th>H Distance between feet</th>
<th>Capacity (water)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>100LC</td>
<td>1</td>
<td>500 to 10,000</td>
<td>43 1/4</td>
<td>1100</td>
<td>60</td>
<td>27</td>
<td>19 1/8</td>
<td>485</td>
<td>16 1/4</td>
<td>412.8</td>
<td>19 3/4</td>
<td>501.7</td>
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</table>

* See back of this sheet for dimensions of attachments.
Model 100LC Attachments

**LC Attachment** (standard rotor/stator)

- A Rotor Diameter: 1 3/8 inches, 34.9 mm
- B Lower Flange: 2 1/2 inches, 63.5 mm
- C Shaft Length: 12 5/16 inches, 312.7 mm

**ILC Attachment** (inline)

- B Lower Flange: N/A
- C Shaft Length: 9 3/16 inches, 233.4 mm

**DLC Attachment** (high speed disperser)

- C Shaft Length: 12 1/16 inches, 306.4 mm

**MLC Attachment** (micro rotor/stator)

- B Lower Flange: N/A
- C Shaft Length: 12 1/16 inches, 306.4 mm

<table>
<thead>
<tr>
<th>Attachment</th>
<th>A Rotor Diameter</th>
<th>B Lower Flange</th>
<th>C Shaft Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inches</td>
<td>mm</td>
<td>inches</td>
</tr>
<tr>
<td>LC</td>
<td>1 3/8</td>
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</tr>
<tr>
<td>ILC</td>
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<td>34.9</td>
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</tr>
<tr>
<td>DLC</td>
<td>2*</td>
<td>50.8</td>
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<tr>
<td>MLC</td>
<td>0.69</td>
<td>17.5</td>
<td>0.79</td>
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</table>

* A 2" disperser blade is supplied with this attachment. Consult factory for information on other available sizes.