Model 100LCI-T Specifications and Dimensions

STANDARD FEATURES:

- 1 HP drive, 115 volt, 50/60 Hz, single phase, 20 amp motor
- Mixer and controls are wired and include a cord and plug
- IP55/NEMA 12 motor
- Variable speed control from 500 10,000 rpm (+/- 1% speed accuracy)
- Color touch screen control and display including RPM, percent of load, batch timer and temperature (up to 300°F or 150°C)
- Electronic Push-Button Lift
- Stainless Steel type 316 wetted parts
- Sturdy frame for bench mounting
- All non-Stainless Steel external surfaces coated with a white two-part epoxy paint
- Easy to disassemble and clean



- HSM Attachment: High Shear Rotor/Stator attachment complete with disintegrating, slotted and fine screen stator heads. Attachment is equipped with a Teflon bushing
- Inline HSM Attachment: Inline attachment complete with disintegrating, slotted and fine screen stator heads
- HSD Attachment: High Speed Disperser and propeller mixer attachment
- Micro HSM Attachment: High Shear Micro Rotor/ Stator attachment for batches between 50 mL and 500 mL
- Quad HSM Attachment: Quad (four stage) attachment for ultra-fine emulsions and dispersions



- Down-thrust propeller for standard rotor/stator attachment
- Bronze, glass-filled Teflon or Stellite bushing for standard rotor/stator attachment
- 80 mesh fine screen or large square hole stator heads for standard rotor/stator attachment
- Temperature probe with beaker clip. Temperature is displayed on the digital readout
- Vessel/Beaker clamp attachment
- Optional voltages: 190 230 V, 50/60 Hz
- Hastelloy product contact surfaces

Model	RPM	Overall Raised Height	Overall Lowered Height	Overall Width	Overall Length	Distance Between Feet	Water Capacity	Weight
100LCI-T	500 - 10,000	39 3/8"	24 1/2"	15"	22 5/8"	12"	0.3 - 4 gal.	62 lbs
		1000 mm	622 mm	381 mm	575 mm	305 mm	1.1 - 15 L	28 kg



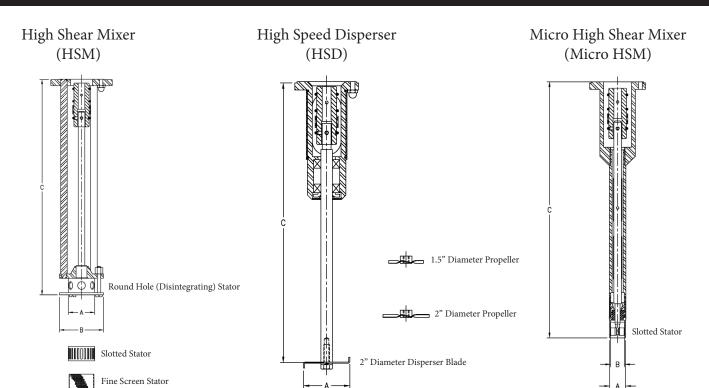
CHARLES ROSS & SON COMPANY

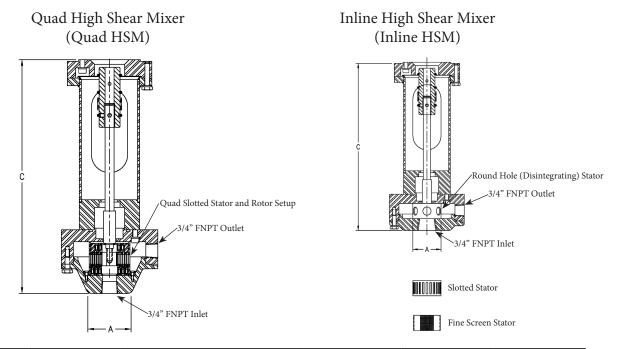
P.O. Box 12308, 710 Old Willets Path, Hauppauge, NY 11788

• Telephone: 631-234-0500 • Fax: 631-234-0691

• Website: www.mixers.com • Email: sales@mixers.com

Model 100LCI-T Attachments





Attachment	Rotor Dia	meter (A)	Lower Flange	e Diameter (B)	Shaft Length (C)	
Attachment	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
HSM	1 3/8	34.9	2 1/2	63.5	12 5/16	312.7
HSD	2	50.8	N/A	N/A	12 1/16	306.4
Micro HSM	0.69	17.5	0.79	20	13 5/8	346.1
Quad HSM	1 3/8	34.9	N/A	N/A	9 7/8	251
Inline HSM	1 3/8	34.9	N/A	N/A	9 3/16	233