

LC50FR & LC120FR

The LC50FR and LC120FR positive displacement ratio metering, mixing, and dispensing machines have a color touchscreen interface to access equipment features. These units offer a wide range of configurable options and are capable of processing materials that have high mix ratios.

Fluid Research's proprietary positive displacement pump technology is uniquely capable of processing materials consisting of greatly differing viscosities and thixotropic two-part resin systems such as epoxies, polyurethanes, silicones, adhesives, or potting compounds.

This compact machine is simplistic in its format and flexible in its design to accommodate optional features to suit a wide range of resins and different application needs or process requirements.

The LC50FR and LC120FR are robust entry level meter, mix and dispense machines that provide an economical solution to inefficient, hazardous and messy hand weighing and mixing procedures.



OPTIONS AVAILABLE

- Low level sensor with visual & audible alarm
- Electric or pneumatic tank stirrer
- Tank heater with built in thermostat & power cable
- Hand-held operation trigger
- Heated & temperature controlled hose
- Anti-gel timer
- Re-circulation

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FEATURES

- 3, 5, and 10 liter stainless steel reservoir tanks
- 7 liter polyethylene reservoir tank
- Anti-abrasive and stainless steel pump tubes
- Glass-filled nylon or high density polyethylene pistons
- Stainless steel, machine mounted mixing head
- 1/8", 1/4", 3/8" or 1/2" PTFE lined, stainless steel braided hose
- Touchscreen interface
- Adjustable shot size
- Foot pedal actuation

SPECIFICATIONS*

Mix Ratios:	LC50FR: 1:1 to 10:1 LC120FR: 1:1 to 18:1
Viscosity Range:	1 to 500,000 cps (higher upon request)
Shot Size:	LC50FR: 1cc to 50cc LC120FR: 5cc to 120cc
Accuracy:	+/- 1%
Power:	110 & 220 VAC Single Phase
Dimensions:	LC50FR: 23.23" x 14.96" x 21.26" LC120FR: 30.51" x 16.93" x 21.26"
Weight:	LC50FR: 88 lbs LC120FR: 110 lbs



* Specifications and information is subject to change without notice.

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