

The Twinflow LFR is a metering, mixing and dispensing machine for reliable handling adhesives, sealants, encapsulants and other two component resin systems.

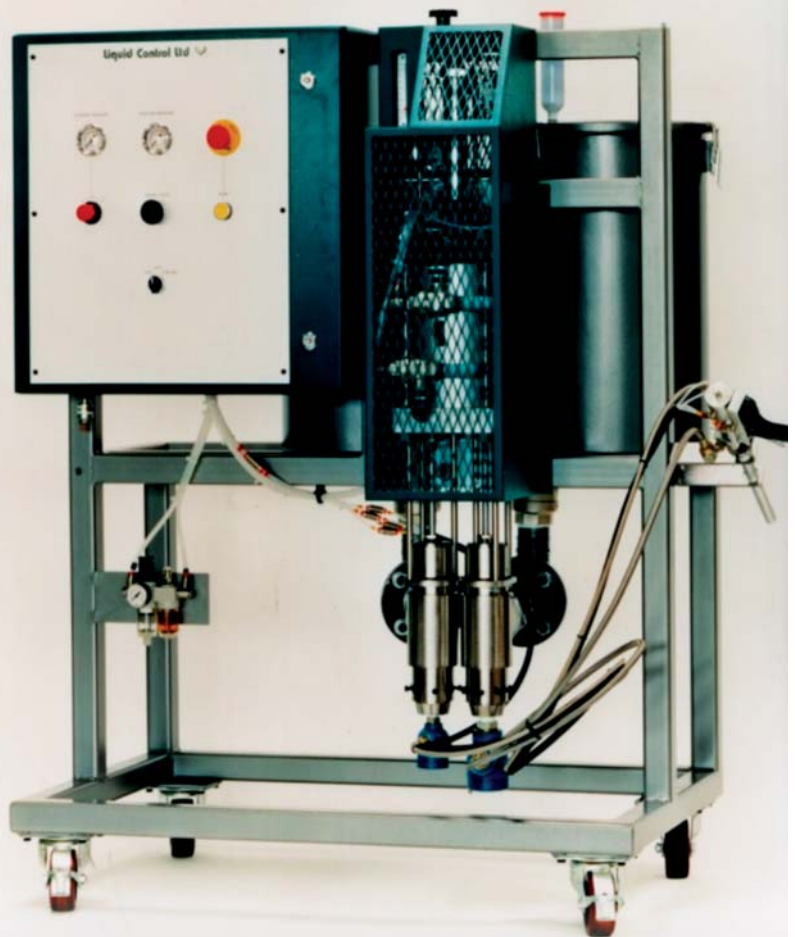
They use a unique and patented single cylinder drive system and fixed ratio pumps in a modular design which needs minimum floor space, and yet offer most of the features available in Liquid Control's variable ratio range.

At the heart of the machine are two patented Posiload positive displacement pumps, sizes to match ratio and which maintains shot size accuracy independent of material viscosity and ambient temperature.

The LFR can handle viscosities up to 1,000,000 cps at outputs from a few grams to several kilograms a minute. All materials are contained within separate enclosed systems and mixing takes place in a minimum volume chamber which greatly reduces wastage compared with manual batch mixing.

The simple and mechanically robust design has proved to be outstandingly reliable, even with abrasive filled resin systems with excellent accessibility for servicing and means that it's simplicity cost effective maintenance, over many years, is assured.

Twinflow LFR



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Standard Specification

- **Metering Pump:**
Posiload positive displacement 15 - 55mm bore.
- **Ratio range:**
Pre-selected pump size to give fixed ratio from 1:1 to over 25:1.
- **Viscosity acceptance:**
Up to 1,000,000cps.
- **Machine drive:**
Single pneumatic cylinder and patented Liquid Control fixed ratio direct drive system.
- **Material Feed:**
Standard reservoir capacities 10, 18, 25, 45 litre mild steel or stainless steel.
- **Mixing:**
Choice of static mixing head or dynamic electric or pneumatic head, fixed position.
- **Controls:**
On/Off switch, regulation of dispense pressure and out put rate, foot pedal or push button cycle start.
- **Machine finish:**
Epoxy base painted frame and cabinet.
- **Weight (net):**
200 kg approx.

Standard Options

- Hand held mixing gun.
- Material level sensing.
- Bulk feed material supply.
- Material heating.
- Vacuum reservoirs.
- Shot size analogue scale.
- Material agitation within reservoirs.
- Vertical swivel mixing head.
- Control options include automatic anti-gel timer with alarm or continuous cycling.
- Anti-abrasion pumps.

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