



PRODUCT

TWINFLOW FR1/VR1

The Twinflow mid range FR1 and VR1 are variable or fixed ratio metering, mixing and dispensing machines

The Twinflow FR1 and VR1 machines are ideally suited to processing epoxies, polyurethanes, silicones, acrylics and other 2 or 3 component resin systems at volumetric ratio ranges from 1:1 to 35:1.

This cost effective machine is well proven through years of use in industries as diverse as construction, aerospace, electronics and furniture manufacturing. Typical applications being encapsulation, sealing, bonding and moulding.

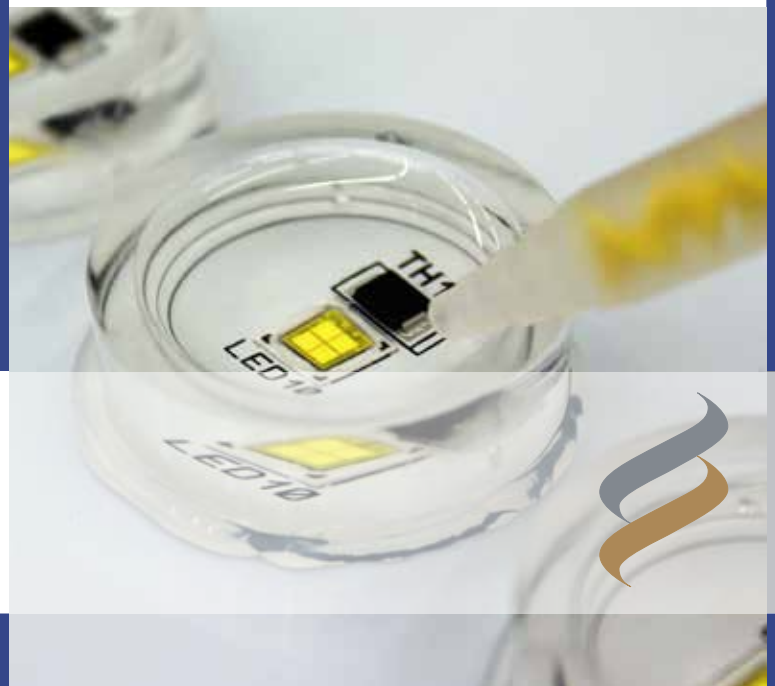
The Twinflow FR1 & VR1 are based on the reliable 'Posiload' positive displacement pumps. With the design flexibility to accept a wide range of options means this machine is available in a basic specification or with a high degree of sophistication and PLC controlled with touch screen interface.

PLC shot size control option.

This new feature makes manual shot size adjustment a thing of the past. After initial set-up, the operator can program in the required data and the new shot size is not only achieved, but also stored for future use. With up to 10 pre-programmed shot size settings available, the changeover is now so simple and fast that minimal time is lost when switching from one application to another, and operator error is eradicated.



TWINFLOW FR1/VR1



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Technical Specification

	STANDARD FEATURES	STANDARD OPTIONS
EQUIPMENT	FR1/VR1	FR1/VR1
Reservoir Tanks	<ul style="list-style-type: none"> • 2 x 10 litre mild steel with sealed lid and silica gel trap • Direct feed to pump from bulk containers • Direct feed from transfer pump for non-pourable products 	<ul style="list-style-type: none"> • Other sizes available • Heating and control • Filters • Low and/or high level control • Feed from bulk supply • Vacuum
Metering Pumps	<ul style="list-style-type: none"> • 'Posiload' positive displacement • Pump size range 7.5 - 25ml • Shot size range 1cc to 50cc depending on pump selection and ratio • Variable ratio mechanism • Ratio range from 1:1 to 35:1 depending on pump combination • Viscosity acceptance upto 1,000,000 Cps • Drive - pneumatic 100mm air cylinder 	<ul style="list-style-type: none"> • Heating and control • Quick release mounting • Shaft lubrication • Anti-abrasive components • Pneumatic or electric drive
Mixing Head	<ul style="list-style-type: none"> • Twinmixer, machine mounted with adjustable height 	<ul style="list-style-type: none"> • Rotary/Static mixing head • Dynamic mixing head and control • Vertical swivel • Material re-circulation • Shut off and snuff back valves • Solvent flush system • Twinmixer hand held with trigger and 3 metre hoses
Hoses	<ul style="list-style-type: none"> • High pressure rubber or PTFE lined 	<ul style="list-style-type: none"> • Heating and control
Machine Control	<ul style="list-style-type: none"> • Pneumatic on/off • Regulated pneumatic speed control • Shot size - with rotary dial number selection • Actuation via foot valve 	<ul style="list-style-type: none"> • Pneumatic anti-gel timer • Pneumatic shot counter/repeater • Hydraulic speed control • Linear transducer shot size control • HMI touch screen PLC control • I/O for interface with remote control

