

The Twinflow BVR mid range metering, mixing and dispense machine is ideally suited for 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 has proved itself over many years in a variety of markets as diverse as construction to aerospace, electronics to furniture in with typical applications being encapsulation, sealing, bonding and moulding.

The Twinflow BVR is based on the reliable and essentially simple "Posiload" positive displacement pumps, with the design flexibility to accept a wide range of options enabling this machine to be basic or with a high degree of sophistication.

This machine is a variable ratio unit, which allows the user to change material ratio's without the need for replacement of pump components, within the range of the pump combination within the machine

The BVR will eliminate poor quality mixing and weighing errors, minimise operator contact with resins and give precision and repeatability in the most demanding applications, other benefits will be gains in efficiency, a cleaner and safer environment and importantly reduced waste.

Twinflow BVR



Twinflow BVR

Standard Features

Pumps:

- Posiload positive displacement
- Pump size range 7.5-25mm
- 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 1,000,000Cps
- Drive – pneumatic 100mm air cylinder

Reservoirs:

- 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

Mixing Head:

- Twinmixer bsp, machine mounted with adjustable height

Hoses:

- High pressure rubber or PTFE lined

Machine Control:

- Pneumatic on/off
- Regulated pneumatic speed control
- Shot size - with rotary dial number selection
- Actuation via foot valve

Standard Options

Pump Options:

- Heating and control
- Quick release mounting
- Shaft lubrication
- Anti-abrasive components

Drive Options:

- Electric drive

Reservoir Options:

- other sizes available
- Heating and control
- filters
- Pneumatic or electric drive
- Low and/or high level control
- Feed from bulk supply
- Vacuum

Mixing Head Options:

- 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.

Hose Options:

- Heating and control.

Machine Control Options:

- 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.

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