

MFS CFV^o

Mix Flow Systems Cartridge Fill Vertical

Two component metering of liquids for packaging into disposable cartridges.

Suitable for processing all resin systems which include:

Epoxies, Polyurethanes, Methacrylates, Silicones, Polysulphides



Special Features

- Fixed Ratio System
- Positive Displacement Pumps
- Electro / Pneumatic Control
- Space Saving Vertical Design
- Assured Metering Technology
- Cartridge Mandrel Interface
- Reservoir Design Options
- Batch Data Logging, (PLC option)
- Machine Diagnostics, (PLC option)
- Easy to Service

The MFS CFV^o is a two component metering and dispensing machine of fixed ratio design, supporting a ratio range by volume of 1:1 through to 12:1. The machine is designed in a vertical format to provide a smaller footprint where space is to be optimised.

Metering is achieved by volumetric displacement providing a combined maximum single cycle output of up to 250ml at 1:1 ratio and 150ml at 10:1 ratio, the machine is capable of repeatable preset multiple cycles of up to 20 cycles per minute, depending on the resin specification.

The separate resin and hardener components will automatically recharge the metering tubes during the reload stage of the machine cycle from either reservoirs, bulk storage vessels or via automatic recharge pumps as specified according to customer requirements.

Specification

Control:	Programme selection and monitoring by PLC operator Interface with push button or foot pedal control
Drive:	80mm twin rod drive air cylinder with 125mm stroke
Reservoirs:	Optional 2, 5, 10 15, or 25 Litre
Metering Outlet:	Interface for cartridge attachment
Air Consumption:	85 litres per/ min (3cfm) at 6 bar for 10cycles / mi
Electrical:	Single Phase 13 amp supply fused at 5 amps