

MFS GFH°

Mix Flow Systems Gravity Fill Horizontal

Two component metering mixing and dispensing machine

Suitable for processing all resin systems which include:

Epoxies, Polyurethanes, Methacrylates, Silicones, Polysulphides



Special Features

- Fixed Ratio System
- Positive Displacement Pumps
- Electro / Pneumatic Control
- Bench top Design
- Assured Metering Technology
- Interchangeable outlet options
- Reservoir Design Options
- Batch Data Logging, (PLC option)
- Machine Diagnostics (PLC option)
- Easy to Service

The MFS GFH° is a two component metering mixing 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 Horizontal format ideal for bench top use.

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 mixer or valve attachment
Air Consumption:	85 litres per/ min (3cfm) at 6 bar for 10cycles / mi
Electrical:	Single Phase 13 amp supply fused at 5 amps