

TSM50BPMETER MIX SYSTEMS

The TSM50BP is a cost effective, entry level metering, mixing and dispensing machine.

This meter mix system employs a parallel drive system with positive displacement pump technology to ensures repeatable, accurate volumetric metering, mixing and dispensing of low to medium viscosity two-part resin systems. Volumetric ratio's available from 1:1 to 4:1 and shot size range from 2cc to 50cc.

This compact machine is simplistic in its format and flexible in its design to accommodate a range of optional extras to suit the wide range of available resins and differing customer application needs.

This meter mix system can be used in bonding, encapsulation, potting, sealing and insulating applications for all industries.

Key Features & Benefits

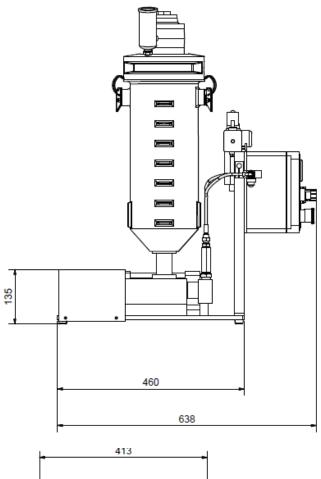
- Volumetric metering and mixing
- Accurate and repeatable up to ± 1%
- Fix ratio from 1:1 to 4:1
- Compact size and small foot print
- Adjustable shot size

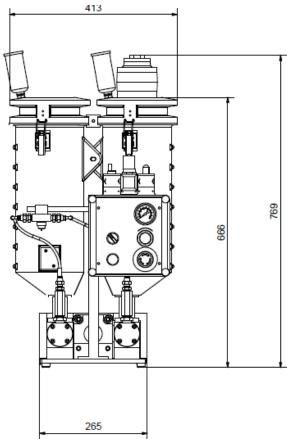
Typical Applications

- Bonding
- Encapsulation and Potting
- Sealing
- Insulating









EQUIPMENT

Equipment	Standard Features	Optional Features
Tanks	• 7L Polyethylene • Push in 'O' seal lid	 Heating blanket, thermostat control limited to 50°C Pneumatic Stirrer Moisture Strap
Metering Pumps	Stainless Steel wetted parts	• Anti-abrasive EN40 hardened wearing parts
Mixing Head	2-Port outlet mixing blockAnti-drip, Machine mounted	• 5/3/5 porting for difficult mix ratio • Ratio check block
Hoses	 PTFE lined Stainless Steel, braided 	

SPECIFICATIONS

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	TS50BP	
MIX RATIO OPTIONS	1:1, 2:1, 4:1	
SHOT SIZE RANGE	2 - 50 CC	
MAXIMUM VISCOSITY	70,000 cps.	
ACTIVATION	FOOT SWITCH	
METERING REPEATABILITY	+/- 1%	
OPERATING PRESSURE	100 psi	
MIXING	DISPOSABLE STATIC MIXERS	
TANK CAPACITY OPTIONS	3, 5, 7, 10 Liter	
MECHANISM	PARALLEL DRIVE, POSITIVE DISPLACEMENT	
POWER (DIGITAL)	SINGLE PHASE 110V & 220V	
DIMENSION (W X D X H)	16.3" X 25.1" X 26.2" (413 X 638 X 666 mm)	
WEIGHT	88 lbs (40 kg)	

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