



TSM50BP

METER 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 ensure repeatable, accurate volumetric metering, mixing and dispensing of low to medium viscosity two-part resin systems. Volumetric ratios 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 $\pm 1\%$
- 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	<ul style="list-style-type: none"> • 7L Polyethylene • Push in 'O' seal lid 	<ul style="list-style-type: none"> • Heating blanket, thermostat control limited to 50°C • Pneumatic Stirrer • Moisture Strap
Metering Pumps	<ul style="list-style-type: none"> • Stainless Steel wetted parts 	<ul style="list-style-type: none"> • Anti-abrasive EN40 hardened wearing parts
Mixing Head	<ul style="list-style-type: none"> • 2-Port outlet mixing block • Anti-drip, Machine mounted 	<ul style="list-style-type: none"> • 5/3/5 porting for difficult mix ratio • Ratio check block
Hoses	<ul style="list-style-type: none"> • PTFE lined Stainless Steel, braided 	

SPECIFICATIONS

	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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