

PAR 50

DATA SHEET

TYPICAL APPLICATIONS

RESIN INJECTION MOULDING ✓

MODEL MAKING & PROTOTYPE CASTING ✓

STRUCTURAL BONDING ✓

SEALING & GASKET FORMING ✓

HIGH VOLTAGE ELECTRICAL RESIN CASTING ✓

HIGH-GRADE ELASTOMER PROCESSING ✓

BOARD & PANEL LAMINATING ✓

THE PAR50 METERING MIXING & DISPENSING MACHINE

The highly accurate, technically advanced and versatile PAR50 metering, mixing and dispensing machine has been developed specifically to enhance the industry standard in constant output dispensing.

With a choice of fixed ratio or variable ratio metering, the PAR50 provides closed loop monitoring of the operating parameters as set via the on-board HMI touch screen control panel.

Both machine versions offer programmable flow rate and dispense volume settings whilst the variable ratio machine also incorporates programmable mix ratio adjustment.

Metering Pumps: Precision constant flow gear pumps.

Ratio Range: Volumetric mix ratios from 1:1 to 100:1 can be accommodated.

Output: Up to 6.0 litres per minute at 1:1 mix ratio and viscosity up to 2000 mPas.

Mixing: Disposable Static; air driven Rotary static or electrically driven dynamic.

Reservoir Capacity: 30 litre stainless steel.

Controls: HMI touch screen interface with programmable flow-rate and/or dispense volume adjustment. Additional programmable mix ratio adjustment on variable ratio machine.

Services: Single phase 13 amp 240volt AC electrics & compressed air.



PAR50



Mixing Head Options

PROCESSING TWO-PART

- Polyurethane
- Elastomers
- Epoxy
- Silicone
- Methacrylate

STANDARD AVAILABLE OPTIONS

1. 15 litre or 50 litre capacity reservoirs.
2. Pressurised reservoirs.
3. Nitrogen blanket facility.
4. Material agitation.
5. Heated reservoirs.
6. Material degassing.
7. Level sensing to material reservoirs.
8. Bulk feed or bulk transfer of materials.
9. Material re-circulation.
10. Heated material hoses.
11. RS601 rotary/static mixing head.
12. Dynamic mixing head with integrated flushing.
13. Anti-gel purge timer.
14. Programmable mix ratio setting.
15. Swivel boom arrangement with gas strut support

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