



Meter Mix® Systems Ltd.

www.metermix.co.uk

PAR 2-P

DATA SHEET

PROCESSING TWO-PART

- Polyurethane
- Epoxy
- Silicone
- Methacrylate
- Ink
- Paint

Specifically developed to meet the increasing demand to dispense small discrete shots of homogeneously mixed two-part materials, the **PAR2-P** incorporates mechanically linked positive displacement metering pumps to provide precise dispensing of shot sizes ranging from 0.04ml to 8.0ml.

The **PAR2-P** is available as a free standing bench top machine complete with PLC control system.

Alternatively it's lightweight construction allows it to be mounted directly onto an articulated robot or the **Meter Mix XY System Cartesian robot** for point of application dispensing.



An extensive range of metering pump sizes and low volume disposable static mixing nozzles ensures that the **PAR2-P** can be tailored to suit most application requirements handling material mix ratios from 1:1 to 18:1.

Metering Pumps: Single acting positive displacement.

Ratio Range: 1:1 to 18:1

Viscosity acceptance: Up to 500,000 cps

Shot size: From 0.04ml to 8ml at a ratio of 1:1

Cycle rate: Up to 50 shots per minute

Mixing: Disposable low volume static mixer

Reservoir Capacity: 0.25 litre

Controls: Air supply filter regulator and gauge, machine on/off, dispense pressure regulator and gauge, foot valve start and emergency stop, integrated PLC

Services: Compressed air

EXAMPLE: Typical shot size range according to mix ratio

Please note that the PAR2 can accommodate mix ratios from 1:1 to 18:1 and the table below is an illustration only

Metering Pump Range	1:1 Mix Ratio		2:1 Mix Ratio		5:1 Mix Ratio		10:1 Mix Ratio	
	Minimum Shot	Maximum Shot	Minimum Shot	Maximum Shot	Minimum Shot	Maximum Shot	Minimum Shot	Maximum Shot
Micro	0.04ml	0.4ml	0.06ml	0.6ml	0.13ml	1.26ml	0.24ml	2.33ml
Midi	0.48ml	4.7ml	0.36ml	3.52ml	0.29ml	2.82ml		
Maxi	0.8ml	7.9ml	0.6ml	5.97ml	0.48ml	4.7ml	0.44ml	4.37ml

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