



Meter Mix® Systems Ltd.

www.metermix.co.uk

PAR 2-P

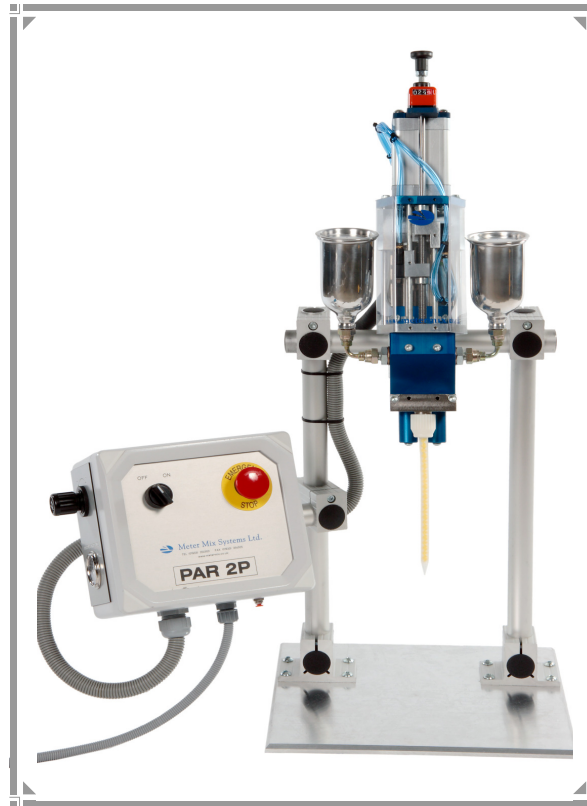
DATA SHEET

THE PAR2-P MICRO SHOT METERING MIXING & DISPENSING MACHINE

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 fully pneumatic bench top machine with foot pedal actuation.

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 rod displacement.

Ratio Range: Fixed ratios available from 1:1 to 18:1

Shot size: See example chart below

Cycle rate: Up to 50 shots per minute

Mixing: Disposable low volume static mixer

Reservoir Capacity: Various options available from 0.5 litre reservoirs to 20 litre bulk transfer systems

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

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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