



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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