



METERING, MIXING & DISPENSING OF 2-PART MATERIALS

SYSTEMS & CONSUMABLES

METERING, MIXING & DISPENSING OF 2-PART MATERIALS

Piston pump metering

- Precise volumetric fixed ratio metering
- Single acting adjustable shot volume metering
- Pneumatic or electric in-line drive units
- Disposable static or rotary/static mixing
- Wide material viscosity acceptance (liquid to paste)
- Table top or floor standing machines
- Dispense head can be robot mounted



PAR 4C

Pneumatic drive

Metering pumps	Single acting positive displacement
Viscosity acceptance	All liquid materials
Shot cycle rate	Up to 30 / minute (material dependent)
Reservoir capacity	6lt / 12lt



PAR 3CT

Pneumatic drive

(Can also be specified as PAR 4CT version)

Metering pumps	Single acting positive displacement
Viscosity acceptance	All liquid materials
Shot cycle rate	Up to 30 / minute (material dependent)
Reservoir capacity	6lt / 12lt / 18lt / 30lt



PAR 3B

Pneumatic drive

Metering pumps	Single acting positive displacement
Viscosity acceptance	All liquid materials
Shot cycle rate	Up to 30 / minute (material dependent)
Reservoir capacity	2,5lt or 5lt



PAR 3C

Pneumatic drive

Metering pumps	Single acting positive displacement
Viscosity acceptance	All liquid materials
Shot cycle rate	Up to 30 / minute (material dependent)
Reservoir capacity	6lt or 12lt



PAR 3CE

Electric drive

(Can also be specified as PAR 4CE version)

Metering pumps	Single acting positive displacement
Viscosity acceptance	All liquid materials
Shot cycle rate	Up to 30 / minute (material dependent)
Reservoir capacity	6lt or 12lt



PAR 20C

Pneumatic drive

Metering pumps	Single acting positive displacement
Viscosity acceptance	Up to 1,500,000 cps
Shot cycle rate	Up to 15 / minute (material dependent)
Reservoir capacity	Directly from 20lt drums



PAR 200C

Pneumatic drive

Metering pumps	Single acting positive displacement
Viscosity acceptance	Up to 1,500,000 cps
Shot cycle rate	Up to 15 / minute (material dependent)
Reservoir capacity	Directly from 200lt & 20lt drums

Rod displacement metering

- Designed for micro-shot dispensing (down to 0.04ml)
- Precise volumetric fixed ratio metering
- Single acting adjustable shot volume metering
- Pneumatic or electric in-line drive units
- Disposable static or rotary/static mixing
- Low to medium viscosity acceptance
- Table top or robot mounted



PAR 2P

Metering pumps	Single acting positive displacement
Viscosity acceptance	Up to 500,000 cps
Shot cycle rate	Up to 20 shots per minute
Reservoir capacity	Various options from 0,5lt up to 20lt bulk transfer systems



PAR 2E

Metering pumps	Single acting positive displacement
Viscosity acceptance	Up to 500,000 cps
Shot cycle rate	Up to 20 shots per minute
Reservoir capacity	Various options from 0,5lt up to 20lt bulk transfer systems

MIXING NOZZLES AND CARTRIDGES

The full range of disposable static and rotary static mixers are available from stock.



Standard parts, service kits and consumable items such as static mixing nozzles are readily available from stock.

Gear pump metering

- Precise programmable ratio metering
- Constant flow dispensing
- Independent electric drive units
- Disposable static or rotary/static mixing
- Low to medium viscosity acceptance
- Table top or floor standing machines
- Dispense head can be robot mounted



PAR 30T
Electric drive

Metering pumps	Precision constant flow gear pumps
Viscosity acceptance	Up to 8000 mPas
Shot cycle rate	Disposable Static or air Rotary/Static
Reservoir capacity	18lt stainless steel as standard



PAR 30
Electric drive

Metering pumps	Precision constant flow gear pumps
Viscosity acceptance	Up to 8000 mPas
Shot cycle rate	Disposable Static or Rotary/Static
Reservoir capacity	6lt or 12lt stainless steel as standard



PAR 50
Electric drive

Metering pumps	Precision constant flow gear pumps
Viscosity acceptance	Up to 8000 mPas
Shot cycle rate	Disposable Static or Rotary/Static
Reservoir capacity	18lt stainless steel as standard

MIXER VALVE OPTIONS

All PAR series machines are supplied with a machine mounted mixer valve as standard. Options are available to incorporate hand held, trigger operated or remote robot mounted versions with either snuff-back or tip-seal variants.



ABOUT METER MIX®

METER MIX® Systems Ltd was established in 1989 with the aim of producing reliable machines for processing single and two component materials. Materials successfully processed using METER MIX® equipment include epoxy, polyurethane, silicone, polysulphide, polyester and methacrylate based resins as well as greases and oils, which are utilised in a wide diversity of manufacturing operations. Our knowledgeable and professional Sales & Technical team work in close co-operation with the customer and material manufacturer to ensure that the machine specification is tailored to suit both the processing parameters of the material as well as the requirements of the application. As a company, we fully respect the confidential nature of the projects in which we are involved and our impartial and ethical approach provides an assurance that the most suitable solution is provided.

R&D

As a manufacturer of meter, mix and dispense machines, the company works in close collaboration with all major material manufacturers so as to develop and evolve the product range to meet the latest formulation and application requirements. Extensive test and demonstration facilities ensure that all METER MIX® components and machines are able to provide reliability and longevity in the ever more demanding requirements of today's manufacturing industries.

AFTER SALES SERVICE

All components and machines are carefully and extensively tested before delivery to the customer. The company's experienced and fully trained technicians are available to commission the equipment at the customer's site and provide full operative training. Once in production, our team of skilled and dedicated service engineers are available to provide preventative maintenance by means of service contracts or reactive support where required. Standard parts, service kits and consumable items such as static mixing nozzles are readily available from stock.



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