

Two-component flow mix In-line proportioning and dosing system

M160/DS80-75SP

The proportioning system uses an integrated pneumatic motor pump with direct connection to a dual pumping section in contact with the fluid. The equipment is suitable for proportioning low to medium viscosity two-component products such as epoxy resins, polyurethanes, silicones and primers with a fixed mixing ratio by volume (100:100 - 100:50). The materials can be loaded, unloaded and slightly abrasive.



Applications:

- painting
- continuous in-line treatment
- dispensing / filling process tanks

Features and benefits:

- ultra-compact design
- fixed and precise mixing ratio
- pre-proportioned product quantity dispensed
- spot or continuous dispensing
- adaptable for any application where blending of components near the dispensing point is functional

Basic equipment fittings:

- suction from mini tank 1.5/3 litres (shown in photo)
- suction from 10/30 litre product drums with dedicated flexible kit

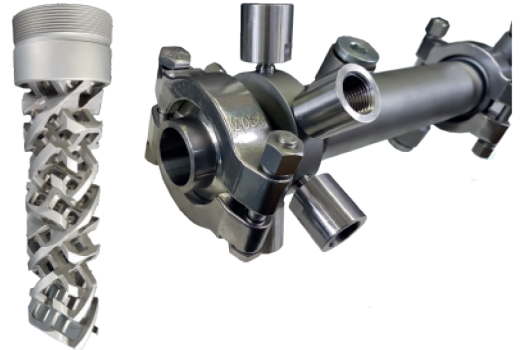
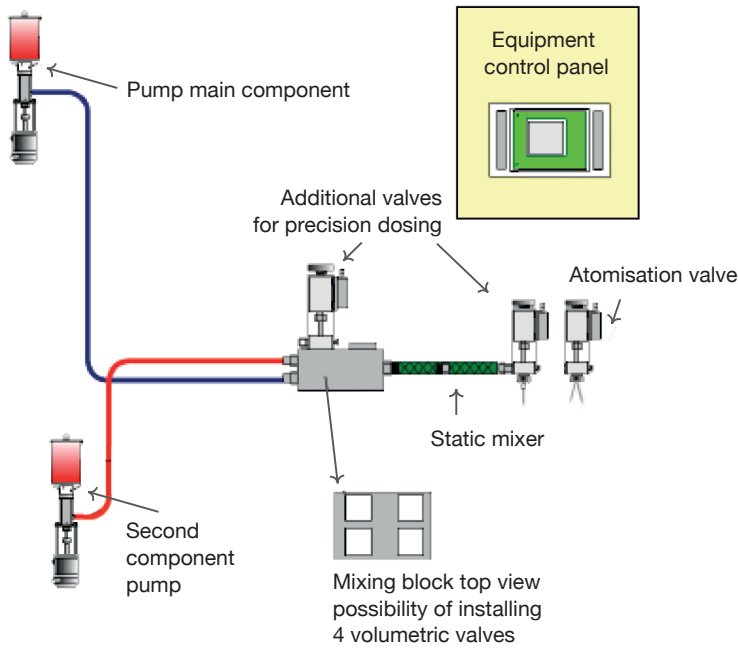
Technical specifications

→ Viscosity range	from 100 to 50,000 mPa s
→ Mixing ratio	100:100 - 100:50 (different pre-set ratios available)
→ Flow rate	up to 2 l/min (opt. advanced equipment 4.5 l/min)
→ Pressione massima di lavoro	Maximum working pressure 160 bar (opt. advanced equipment 310 bar)
→ Pressione massima ingresso aria	6 bar

Optional

- advanced mixing system with the possibility of changing the mixing ratio from 100:100 to 100:16 using a device that allows the stroke of both pistons to be varied
- manual or automatic dispensing valves with suction effect to prevent dripping
- volumetric control meters for both mixing lines
- mixing mixer (stainless steel or plastic material) to be mounted in line

Optional extras



↑ Mixer - detail of inlet and internal core for high flow rates - stainless steel/Hastelloy series



↑ Mixer tube with interchangeable internal elements



↑ Sampling tank with mixing system



↑ Complete selection of atomisation valves (low/high pressure), recirculation and filtration components

Request the product data sheet by writing to: sales@airmotion.it