

Kirkco Metering and Mixing Systems for pasty materials

ELDO-MIX 401 T

The ELDO-MIX 401 T has been specifically designed for handling pasty two component materials, including polyurethanes and epoxy resins, as well as for successfully processing microball filled materials.

It is especially suitable for use in such applications as model making in the automotive, aeronautical and shipbuilding industries as well as sealing and adhesive dispensing.

The ELDO-MIX 401 T is characterised by

- lower material degradation than similar systems due to the optimised construction of the gear pumps.
- careful construction for gentle material feeding
- minimum maintenance required, due to just a single pump for each component

The system is controlled by a high capacity metering computer.



ELDO-MIX 401 T

Features and benefits

- Gentle material feeding
- Lower material degradation due to the optimised construction of the gear pumps
- Economic solution
- Compact construction
- Continuous flow dispensing
- Electronically controlled flow rate
- Simple operation
- Solvent free
- Low working pressure



Industrial Adhesive and Sealant Dispensing

Precision Systems for Meter, Mix and Dispense Applications

Call Us: 704-289-7090

Physical Address:
2213 Stafford Street
Monroe, NC 28110

Mailing Address:
P.O. Box 509
Monroe, NC 28111

Technical Data

Viscosity range (mPa s)	50,000 bis 1,000,000
Mixing ratio (volumetric)	100:100 to 100:10
Flow rate (l/min)	0,7 to 5,0 depending on metering ratio and material properties
Maximum working pressure (bar)	< 50
Maximum air inlet pressure (bar)	< 6
Power supply	3 x 400 V / 50 Hz / 16 A
Container size (l)	20 - 80 200
Dimensions L x W x H (mm)	80 litre: 1620 x 1160 x 2450 200 litre: 2000 x 1600 x 2750
Weight (kg)	80 litre: ca. 450 200 litre: ca. 650

Function

Each component is fed and metered directly from the drums. The gear pumps are mounted directly onto the follower plates.

Each gear pump is individual controlled and protected against over pressure.

The mixing ratio is infinitely adjustable by the metering computer from 100:100 to 100:10.

Both components are then kept separate until they enter the static mixer where they are mixed homogenously. After use, the static mixer is normally purged with a single component.

Equipment

Standard

- Pneumatic, oversized rams
- Follower plate mounted special gear pumps
- Dispensing system with static mixer
- Metering computer MR20
- Electronic adjustment of metering ratio and flow rate
- Telescopic jib for supporting the mixing system and hose

Optional

- Longer telescopic jib for supporting the mixing system and hose



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