

Kirkco Metering and Mixing System for low to medium viscosity media ELDO-MIX 101

Developed for processing low to medium viscosity thixotropic two component media with a volumetric mixing ratio of between 1:1 and 10:1, the ELDO-MIX 101 typically handles polyurethanes, silicones and epoxy resins in such applications as rapid prototyping, badge doming, gluing, bead laying, coating and potting.

Fed directly from machine mounted pressure feed containers, the ELDO-MIX 101 features separately driven gear metering pumps, whose material pressure and output are controlled by a PLC controller.



Features and benefits

- Variable output
- Variable mixing ratio
- Continuous or shot dispensing
- Constant metering and output accuracy
- Precision gear metering pumps
- Over pressure security
- Compact design
- Very simple operation



**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	up to 40,000 mPa s with pressure feed containers up to 80,000 mPa s with transfer pumps
Metering ratio	1:1 to 10:1
Maximum flow rate	1.2 l / min @ 1:1 ratio
Maximum working pressure	40 bar
Air inlet connection	1/4" BSP
Maximum air inlet pressure	6 bar
Power supply	230 V / 50 Hz
Container size	6 l / 12 l, larger sizes with additional chassis
Dimensions (L x W x H) mm	600 x 600 x 885 mm
Weight	approx. 150 kg

Function

The individual components are fed by machine mounted pressure feed containers into the gear pumps, where they are proportioned at the pre-selected mix ratio. Each gear metering pump is protected with pressure sensor gauges against over pressure as standard.

Both components are then fed under pressure separately until they enter the twin snuffer dispensing valve, where they are homogeneously mixed and dispensed.

Equipment

Standard

- Twin pressure feed containers
- Gear metering pumps
- Automatic time control
- Mix ratio setting
- Adjustable output rate

Optional

- Heated hose package
- Static-dynamic mixing dispensing valve
- Choice of feed container size on separate chassis
- Feed container heating
- Feed container agitator
- Feed container level control
- Manual or foot actuation



**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