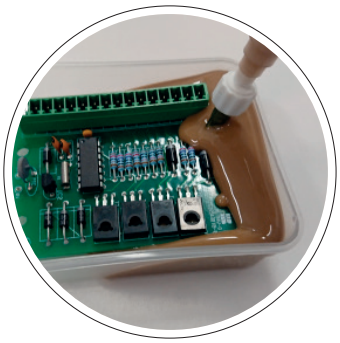
SCANREX 2K GMM E2

– Two component precision dispensing



Pressure tank equipped with agitator

2K GMM E2 equipped with swing arm and balance block

The Scanrex 2K GMM E2 is the ultimate solution for precise metering, mixing, and dispensing of two-component materials. This advanced system is designed to handle both low, medium and high viscosity materials such as epoxies, polyurethanes and silicones with high accuracy and efficiency. The system can be configured to suit a wide range of applications with flow rates from 5ml/minute up to 10 litres/minute at continuous flow. The Scanrex 2K GMM E2 is a solvent free system.

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SERVO-DRIVEN GEAR PUMPS

The system is based on servo-driven gear pumps where the different combinations of motors, gears and gear pumps ensures that the system can be configured for most flows and mixing ratios.

ADVANCED ALARM HANDLING

Ensure safety and reliability with extensive alarm control, including visual warnings and system stops for critical limits. Pot-life guard, torque limitation for motors and pressure sensors for A-and B-component is standard.

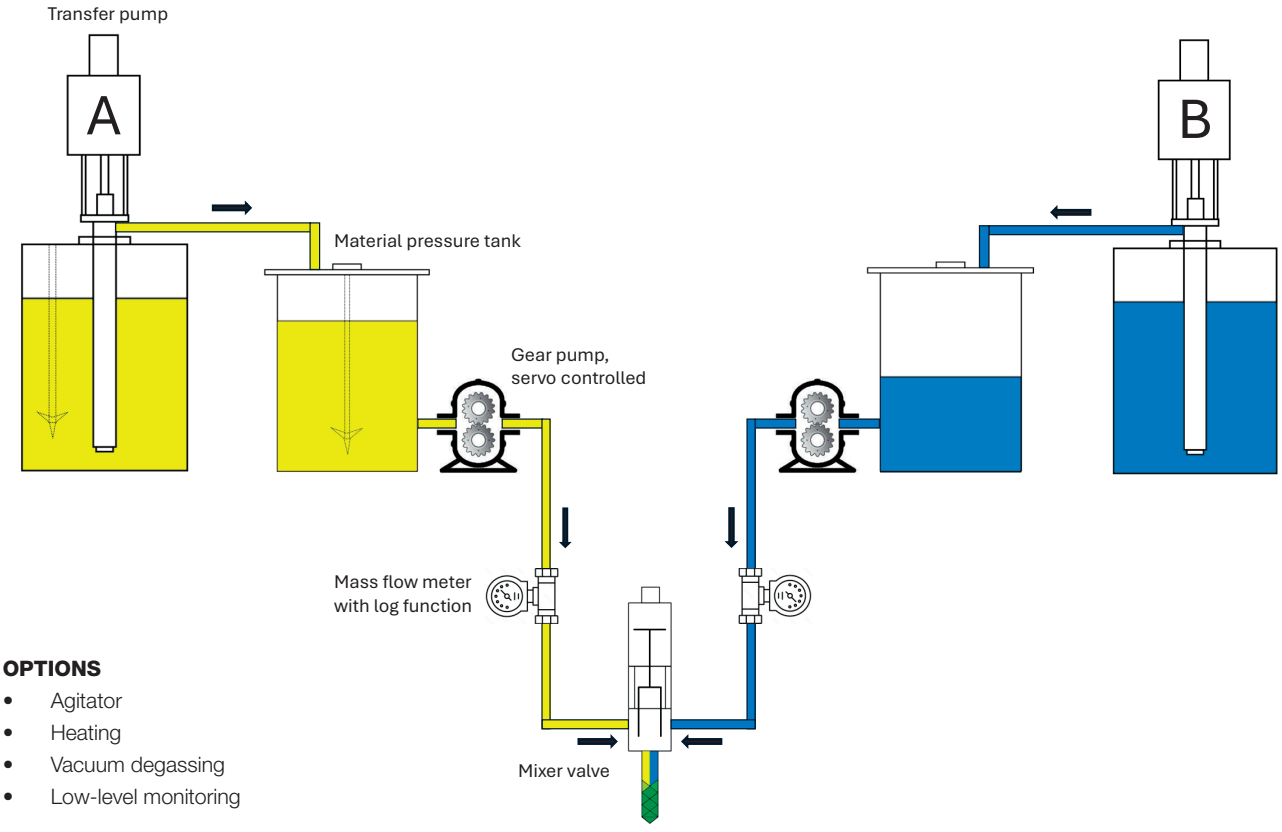
VERSATILE DISPENSING SYSTEM

The system offers two different driving modes: continuous flow and shot dispensing.

Continuous flow: Set the flow rate in ml/s. Start and stop the flow using the trigger, foot pedal, an external signal or control station.

Shot dispensing: Set the flow rate and shot size. Dispensing begins with the trigger, foot pedal, or an external signal and stops automatically when the selected shot volume is reached. You can set up to three different flow rates for shot dispensing: a startup flow, a running flow, and a top filling flow.

Each driving mode can be saved as a recipe for easy access. Recipes can include unique mixing ratios, and the operators can seamlessly switch between the two driving modes as needed.



OPTIONS

- Agitator
- Heating
- Vacuum degassing
- Low-level monitoring

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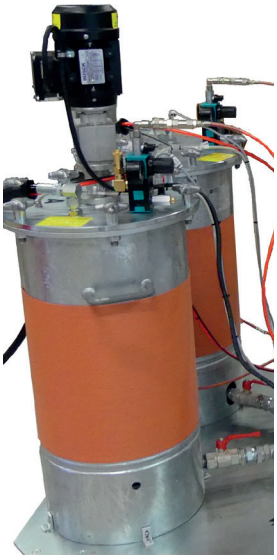

OPTION
Heating system for pressure tanks.

OPTION
Mixer valve with static dynamic mixer.

OPTION
Mass flow meter with log function.

STANDARD
2K mixer valve with handle (pistol grip).

OPTION
Transfer pump with agitator for 200L drum.

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STANDARD MACHINE CONFIGURATION

- Bottom plate with wheels
- 2pcs pressure tanks*
- Silica gel filter on the A- and B- component tank to absorb moisture
- Servo-driven metering pumps (gear)
- High pressure hoses PA or PTFE
- 2K Mixer valve with handle (pistol grip)
- 25 pcs plastic static mixers, adapted for specific material
- Control system with functions such as;
  – Recipe handling
  – Pot-life guard
  – Pressure monitoring
  – Purge
- FAT (Factory Accept Test) with actual material is always executed before delivery.

**Sizes available for 3–90 litre*

OPTIONS

- Electric agitator with scheduled start/stop
- Transfer pumps TRP, HVP or Membrane
- Mass Flow meters
- Heating system
- Low-level monitoring
- Static dynamic mixer
- Swing arm with balance block
- Bench stand for mixer valve
- Foot pedal for start/stop of mixer valve
- Vacuum degassing system for pressure tanks
- Log function for;
  – Mass flow
  – Date
  – Recipe name
  – Flow
  – Mixing ratio (mass flow meters)
  – Alarms
  – Pressure
  – Temperature (for heating system)
  – Batch number

TECHNICAL DATA

Mixing ratio:	100:1,5 up to 100:100
Capacity:	up to 10 litres/minute
Motors:	Servo 400W / 750W
Gears:	10:1, 15:1, 20:1, 30:1
Gear pumps:	from 0,05 cc/rev to 50 cc/rev (standard from 0,3 - 12 cc/rev)
WxLxH approx. (stand. config.):	800 x 1200 x 1670 mm
Weight approx. (stand. config.):	260 kg
Pneumatic supply:	6-7 Bar
Air consumption:	<20 l / min
Electricity supply (stand. config.):	230 VAC 50Hz, 16A

All data and characteristics mentioned in this booklet are by way of example only. Given flow capacities and material pressure are depending of; inlet air pressure, material viscosity, the hose dimensions and other equipment fitted after the pump outlet. Aplicator Group reserves the right to modify the products without prior notice.

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