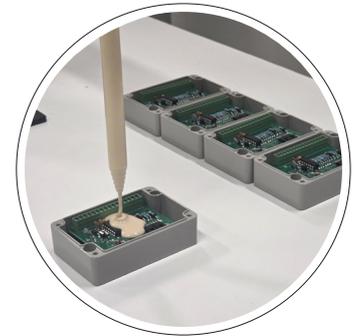


# SCANREX 2K ALLMIX

– Two component system



*Scanrex 2K Allmix equipped with foot pedal.*



Scanrex 2K ALLMIX is the perfect choice for mixing and applying 2 component materials such as Polyurethane, Epoxy, Silicone and MS Polymer. The machine system is commonly used in applications such as potting and encapsulation of electronic components, bonding and sealing.

With it's unique modular system, Scanrex 2K ALLMIX can be

configured to suit a wide range of applications with metering ratios from 100:10 up to 100:100 and flow rates from 5ml/min up to 6 litres per minute at continuous flow. Scanrex 2K ALLMIX can be designed either as a stand-alone manual system, a "PLC ready" system, ready to be integrated in a larger system, or as an individual PLC-controlled system.



**OPTION**  
Swing arm with balance block



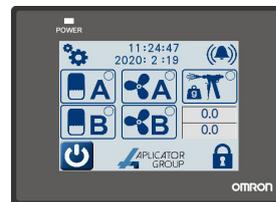
**OPTION**  
Agitator for pressure tank



**OPTION**  
Feed pump with agitator for 200L drum



**OPTION**  
Heating system



**OPTION**  
Scanrex 2K ALLMIX with PLC system

# SCANREX 2K ALLMIX

– Two component system

## LEVER SYSTEM

The heart of Scanrex 2K ALLMIX is the lever system, driven by a piston air motor. By fitting an A- and B-pump onto the lever system a ratio is achieved between A- and B-component. The ratio depends on pump sizes and the positioning of the B-pump.

## STANDARD MACHINE CONFIGURATION

- 2K ALLMIX basic unit (lever control, metering pumps, air motor, cabinet)
- Bottom plate with wheels
- 2pcs pressure tanks\*
- Silica gel filter on the B- component tank to absorb moisture
- High pressure hoses PA or PTFE
- 1pcs mixer valve with handle (pistol grip)
- 25 pcs plastic static mixers, adapted for specific material
- FAT (Factory Accept Test) with actual material is always executed before delivery.

\*Sizes available for 6–90 liter

## OPTIONS

- Low-level monitoring
- Static dynamic mixer
- Heating system
- Electric agitator
- Circulation unit for A- and B-component
- Feeding pumps TRP
- Foot pedal for start/stop of mixer valve
- Material pressure regulator, for a pulsation-free application and regulation of the material flow
- Swing arm with balance block
- Bench stand for mixer valve
- Hard-metal seat in metering pumps (for filled materials)
- PLC ready kit or PLC controlled system

## PLC CONTROLLED VERSION

It is possible to configure Scanrex 2K ALLMIX with a PLC. The PLC-controlled version has functions such as shot dosing and auto-filling from original material containers.

PLC with possible functions such as;

- Shot dosing (gram/shot)
- High/Low pressure monitoring
- Low-Level control for pressure tanks
- Potlife-control with alarm
- Automatic cleaning of mixer at set time (Auto Purge)
- Temperature control (provided that the machine is equipped with heating units)
- Auto-filling from material containers
- Possible to schedule agitators

## TECHNICAL DATA

<b>Mixing ratio:</b>	100:10 to 100:100
<b>Capacity mixed material:</b>	up to 6 litres/minute
<b>Air consumption at 6 bar:</b>	300–900 litres/minute
<b>Air pressure inlet max:</b>	6 bar
<b>Standard frame:</b>	650 x 750 mm
<b>Weight:</b>	150–300 kg (depending on configuration)
<b>Noise level:</b>	< 70 dB (A)

*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. Applicator Group reserves the right to modify the products without prior notice.*