

## TPH INJECT AirPower S25-3K, VA



### Features:

The *TPH INJECT AirPower S25-3K, VA* is a small and lightweight pneumatic 2K injection pump with external flushing agent pump, which is especially suitable for the processing of acrylate gels. The piston pump delivers the material components in a volumetric mixing ratio of 1 : 1. High conveying capacity and mixing accuracy are achieved by the large and precisely operating valves. The *TPH INJECT AirPower S25-3K, VA* is very easy to maintain and wear resistant. All material-carrying parts are made of stainless steel. The external flushing pump for conveying water is used for cleaning the mixing and pressing head.

### Technical data:

<b>Material pump</b>	
Operating pressure (steplessly variable)	10-100 bar
Delivery rate	max. 8 ltr/min
Compressed air consumption	1 m <sup>3</sup> /min
Air pressure	max. 8 bar
Gear ratio	1:13
Compressed air consumption and flow rate at 100 bar back pressure (injection pressure):	
Compressed air consumption	Delivery rate
83 ltr/min	0,5 ltr/min
166 ltr/min	1 ltr/min
342 ltr/min	2 ltr/min
433 ltr/min	3 ltr/min
Mixing ratio	1:1
Weight	29,3 kg
L/W/H	78 cm / 39 cm / 80 cm
<b>Flushing pump</b>	
Operating pressure (infinitely variable)	7-220 bar
Delivery rate	max. 5.1 ltr/min
Gear ratio	1:28

**Application:**

For information on using the pump for acrylate gel injections please refer to the operation instructions of *TPH INJECT AirPower S25-3K, VA*.

**Safety instructions:**

Wear protective gloves, protective clothing and eye or face protection during injection work.

Before operation start-up of the injection pump, it is necessary to be informed about the safety instructions. For detailed information, please refer to the operating instructions.

**Packaging:**

*TPH INJECT AirPower S25-3K, VA* on chassis,  
incl. 3 x HD delivery hoses and mixing head:

**A-Comp:**

HD material hose - stainless steel (Ø 6 mm, 10 m long, union nuts M16x1.5; solvent resistant)

**B Comp:**

HD material hose - stainless steel (Ø 6 mm, 10 m long, union nuts M14x1.5; solvent resistant)

**Dishwashing liquid:**

HD material hose - stainless steel (Ø 6 mm, 10 m long, union nuts M12x1.5; solvent resistant)

**3C mixing head - stainless steel:**

2x HP ball valve, 2x HP steel ball valve, 2x check valve, mixing block with 2x static grid mixer, whip 0.3 m long; sliding coupling straight with free passage Ø 2.5 mm; (material hose connections: Component A: M16x1.5; Component B: M14x1.5; Flushing connection: M12x1.5).

**Legal notice:**

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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