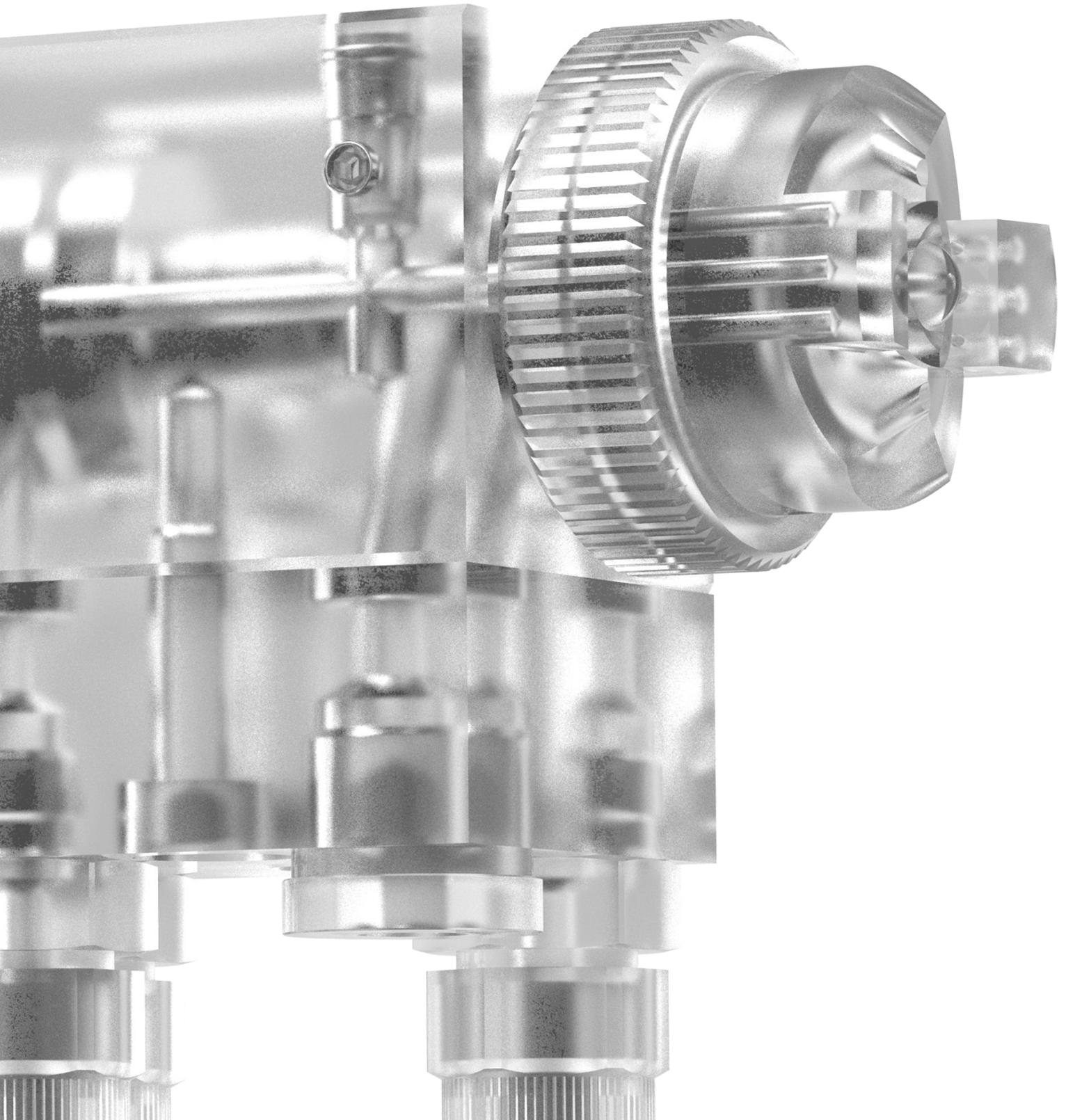


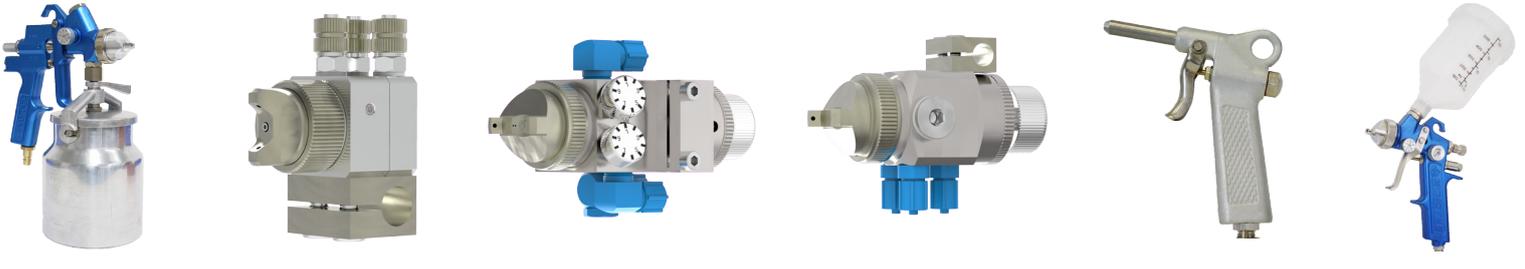
Product Overview



precision and competence

From development to
production.





Automatic spray valves

KA 2



SCHÜTZE spray valve KA-2

Pneumatically controlled spray valve in compact design. Suitable for thin liquids as f.i. release agents, oils etc. Because of their small dimension these valves can be used for all application with limited space.

KA 2 HD-IS



SCHÜTZE spray valve KA-2 HD-IS

The spray valves of series KA-2 HD-IS are a further development of series KA-2. Because of their integrated air valve only one 3/2 way solenoid is needed. Suitable for thin liquids as f.i. release agents, oils etc..

MFS



SCHÜTZE spray valve MFS

Pneumatically controlled spray valve. Suitable for spraying release agents, oils, colors etc.. Also in version MFS/KLS for application of glues and adhesives available.

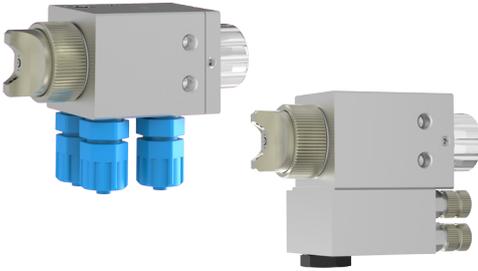
MMFS



SCHÜTZE MINI-spray valve MMFS

Pneumatically controlled round spray valve. Designed for spraying signature and marking colors. Very fine and small round spray jet.

ASV



SCHÜTZE spray valve ASV

Pneumatically controlled spray valve. Suitable for spraying release agents, oils, colours etc.. . Spray angle can be regulated individually from round- to flatspray without changing the aircap. Also available with quick release adapter.

MSV



SCHÜTZE MINI-spray valve MSV

Pneumatically controlled spray valve in miniature form. Measurements: 27 x 17,5 x 33mm, weight: 60 grams. Suitable for thin liquids as f.i. release agents, oils etc..

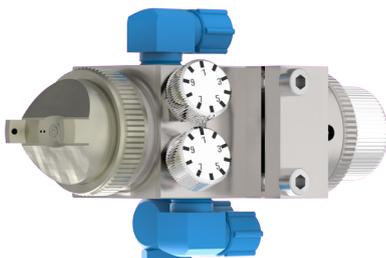
SD 4.17 RA



SCHÜTZE spray valve SD 4.17 RA

The spray valves of series SD 4.17 RA are mini spray valves especially designed for spraying very low quantities. Because of their very exact and narrow spray angle, these valves are suitable for finest application. Air caps for different spray angles available.

GF / 3

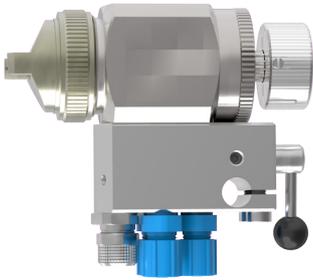


SCHÜTZE spray valve GF / 3

Designed for spraying colours, paints etc. With integrated air valve for regulation of purging air.

Spray angle can be regulated individually from round- to flat spray without changing the air cap.

GF / 5



SCHÜTZE spray valve GF / 5

With quick release adapter. The special of the series GF/5 is the possibility to change the spray valve within seconds without disconnecting or dismantling the hoses for air and fluid. Interruptions of work are reduced to a minimum.

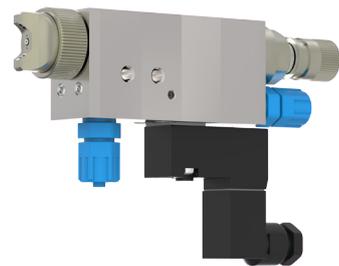
AHDM



SCHÜTZE spray valve AHDM

Air assisted AIRLESS valve. The valves of the series AHDM combine the advantages of the AIRLESS technology with the advantages of the conventional air atomising systems. This generates a very fine but nevertheless a fog reduced application of material.

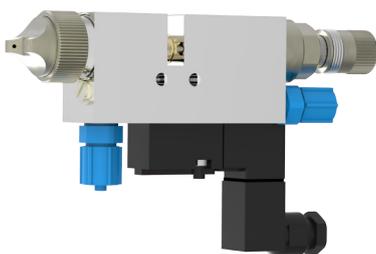
MKD-IS R/F



SCHÜTZE spray valve MKD-IS R/F

Electro-pneumatically controlled spray valve. Suitable for liquids as f.i. release agents, oils, colors etc. Spray angle can be regulated individually from round- to flat spray without changing the air cap. With integrated atomizing air valve.

MKDD-IS



SCHÜTZE spray valve MKDD-IS

Electro-pneumatically controlled spray valve. Designed for the application of glues and adhesives. Also other fluids as oils, release agents etc. can be sprayed. With integrated atomizing air valve, which allows an independent regulation of purging air time (for nozzle cleaning).

MVV



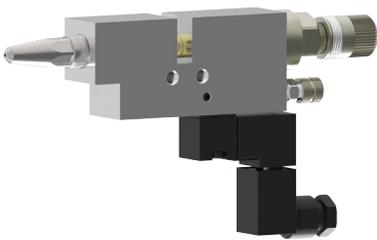
SCHÜTZE extrusion valve MVV

Pneumatically controlled extrusion valve in miniature form. Suitable for drop application of thin liquids as f.i. oils, lubricants etc.

Measurements: 27 x 17,5 x 33mm, weight: 60 grams

The very small installation size allows the integration in very narrow spaces.

MKDD LV/KV

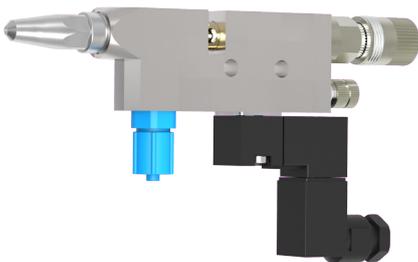


SCHÜTZE extrusion valve MKDD LV/KV

Pneumatically controlled extrusion valve designed for the application of middle to high viscosity fluids as f.i. glues, adhesives and compounds.

Available with short nozzle (KV) or long nozzle (LV) as well as a wide range of special nozzles for dot, bead and flat stripes.

MMDV MV

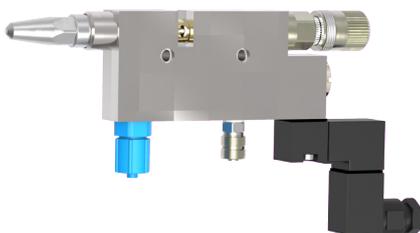


SCHÜTZE extrusion valve MMDV MV

Pneumatically controlled extrusion valve designed for the application of middle to high viscosity fluids as f.i. glues, adhesives and compounds.

The overall width of 15mm allow a narrow mounting of multiple valves.

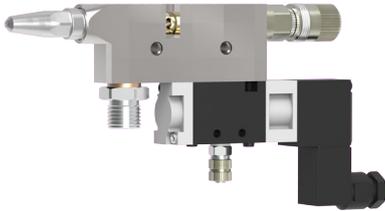
MMKD 30



SCHÜTZE extrusion valve MMKD 30

Pneumatically controlled extrusion valve. Available with short nozzle (KV) or long nozzle (LV). These valves are very fast switching applicators designed for intermitting as well as continuous application of fluids as f.i. glues, adhesives, oils, sealants etc..

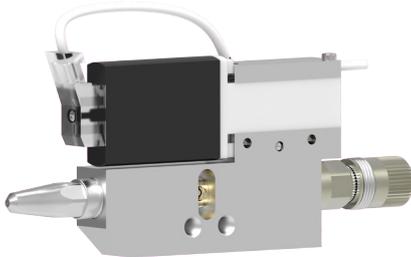
MMKD 40



SCHÜTZE extrusion valve MMKD 40

Air/Air operated extrusion valve with direct mounted 5/2 way solenoid. Available with short nozzle (KV) or long nozzle (LV). For material pressures up to 100 bar. These valves are very fast switching applicators designed for intermitting as well as continuous application of fluids as f.i. glues, adhesives and other viscous materials.

MMKD 50



SCHÜTZE extrusion valve MMKD 50

Extremely fast intermitting extrusion valve up to 200 cycles per second. Short pre-arcing time allows the dosing of smallest liquid amounts. Suitable for application of thin liquids as f.i. release agents, oils, lubricants etc..

KA2 Airless



SCHÜTZE spray valve KA2 Airless

Mini AIRLESS spray valve for maximum 150 bar material pressure. Suitable for all commercially available AIRLESS nozzles.



Hand Spray Guns

W1



SCHÜTZE W 1 / W 1 IK

Standard spray gun with 0,6ltr. flowcup, aluminium. Spray gun in conventional high pressure technique, for the technical and industrial use. Also available in version IK for advanced ground coverage. Wide range of nozzles for individual sprayjobs available.

S 941



SCHÜTZE S 941

High performance spray gun for professional use. With precision air micrometer, 0,6 ltr. flow cup, plastic with drop-stop. Also available in version HVLP with reduced over-spray. Wide range of nozzles for individual sprayjobs available.

S 947 A



SCHÜTZE S 947 A / B / S / K

High performance convertible spray gun for professional use. Easy conversion from pressure fed to flow cup, suction cup or carabiner suction cup version. Also available in version HVLP with reduced overspray. Wide range of nozzles for individual sprayjobs available.

W 7 S



SCHÜTZE W 7 A / B / S / K

Conventional convertible spray gun for professional use. Versions with spin nozzle for glue application and with IK aircap for advanced ground coverage are available. Easy conversion from pressure fed to flow cup, suction cup or carabiner suction cup version. Wide range of nozzles for individual sprayjobs available.

W 3 / FZ-Duo

SCHÜTZE W 3 / FZ-Duo

FINE-SPRAY gun, a special design for spraying fluids of low viscosity, f.i. release agents. Also available in fog reduced version HVLP.

W 3 / FZ-Duo R/F

SCHÜTZE W 3 / FZ-Duo R/F

FINE-SPRAY gun, a special design for spraying fluids of low viscosity, f.i. release agents. With round- flatspray adjustment. Also available in fog reduced version HVLP.

W 3 / FZ-Duo HD MIX

SCHÜTZE W 3 / FZ-Duo HD MIX

air assisted AIRLESS gun

The spray guns of the series W3 FZ-Duo HD-Mix combine the advantages of the AIRLESS technology with the advantages of the conventional air atomizing systems. This generates a very fine but nevertheless a fog reduced application of material.

W 3 / W 3 F

SCHÜTZE W 3 / W 3 F

Decor and „small job“ spraygun with 50 ccm flowcup, aluminium. Wide range of nozzles for individual sprayjobs available.

2-K



SCHÜTZE S2-K Two-Component spray gun

Supply of both components directly into spray heads. Mixing of both components within the sprayjet. Atomizing air inlet via gun body. Only one trigger. Flat- or round spray pattern depend on air cap. Mixing ratio individual adjustable. All components leading parts are made from stainless steel. Weight: just 490g

W 5



SCHÜTZE W 5 / P

Blow gun
with 50 mm blast pipe. Other lengths available.
special accessories:
rebound guard, flat nozzle, silencer nozzle, venturi nozzle, integrated air adjustment.....

S 720 / KL



SCHÜTZE extrusion gun S 720 / KL

Extrusion gun without atomization of liquid. Special designed for the bead application of glues.

Material supply

Vol./



SCHÜTZE material pressure tanks series Vol./

When spraying material continuously in considerable volume, the employment of a material pressure tank pays off within a short period of time. The material pressure tanks of series Vol./ are made from aluminium. Tanks 20 and 40 ltr. are made from stainless steel. All necessary fittings, as two pressure reducers, safety valve 2,5 bar (type approved) and connections are installed on the lid.

V2 / V5 / V10



SCHÜTZE material pressure tanks V2 / V5 / V10

The tanks of series V2 / V5 / V10 are robust tanks made from stainless steel. All necessary fittings are mounted on the lid. With filler cap for easy re-filling. Different options as f.i. air motor stirrer, level reading device, connections for several spray guns available.

V20 / V30 / V40



SCHÜTZE material pressure tanks V 20 / V 30 / V 40

The tanks of series V20 / V30 / V40 are robust tanks made from stainless steel. All necessary fittings are mounted on the lid. With filler cap for easy re-filling. Different options as f.i. air motor stirrer, level reading device, connections for several spray guns available.

VS



SCHÜTZE material pressure tanks VS

The pressure tanks of series VS are equipped with clamping brackets for fast and easy opening and closing. The maximum pressure is 2,5bar. Tanks are available in volume 1 / 2 / 5 / 10 liter. Different stirring devices and level indicators are available.

DG



SCHÜTZE material pressure tanks DG

The material pressure tanks of series DG are made from stainless steel. All necessary fittings, as two pressure reducers, safety valve 6 bar (type approved) and connections are installed on top of the tank. Quick locking lid for re-filling the tank. The low weight and the handle of the pressure tanks DG allows also comfortable handling, f.i. for mobile use.

ZIP 52

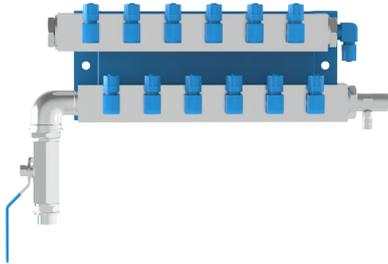


SCHÜTZE pump ZIP 52

The double diaphragm pump ZIP 52 is made from plastics, balls made from stainless steel. Mounted on trolley all necessary fittings are already installed. It is perfect applicable for continuous feeding of fluids as f.i. release agents, oils, glues etc.

Material distribution / filtration

LMV



SCHÜTZE manifolds LVM

The manifolds for air and/or material are made from stainless steel. Available as 4-, 6- and 8- fold version. Also for different pressure ranges (8 bar / 25 bar / 170 bar).

Material Filter



SCHÜTZE material filter

INLINE filter for installation in fluid lines. Filter housing made from stainless steel. Filter elements in different mesh sizes available.

High pressure filter designed for pressures up to 100 bar. Made from stainless steel. Filter elements in different mesh sizes available.

Nozzle Extensions

Nozzle Extension



SCHÜTZE nozzle extension Series D 4 and D 8

The extensions of series D4 (4mm outer diameter) and D 8 (8mm outer diameter) give the opportunity to solve application jobs by their very small dimensioned construction. Especially for the installation in existing machines individual versions are practicable.

Nozzle Extension



SCHÜTZE nozzle extensions for sprayguns W1, W2, W7-N for sprayvalves GF1, GF2, GF3 und GF4

Typ V-A (extension; angled)
45° spraying or 90° spraying
Typ V-G (extension: spraying ahead)
Typ V-R (extension; circular jet)

Nozzle Extension



SCHÜTZE nozzle extensions for spraygun W 3/FZ-Duo for sprayvalves MFS, KA-2, ASV

Typ V-A (extension; angled)
45° spraying or 90° spraying, double sprayhead
Typ V-G (extension: spraying ahead)
Typ V-R (extension; circular jet)

Accessories

pressure regulator



SCHÜTZE material pressure regulator

manually adjustable

For regulation of fluid by hand . Made from stainless steel. Different pressure ranges available. Also version for high pressure available (max. incoming pressure 250bar, outgoing pressure 20 - 150 bar).

PMDR 1:1



SCHÜTZE material pressure regulator PMDR 1:1

pneumatically adjustable

For extern regulation of fluid pressures. Made from stainless steel. The incoming air pressure defines the outgoing material pressure in ratio 1:1.

PMDR 5:1 / 10:1



SCHÜTZE material pressure regulators PMDR 5:1 / 10:1

pneumatically adjustable

For extern regulation of fluid pressures. Material wetted parts made from stainless steel. The incoming air pressure defines the outgoing material pressure in ratio 5:1 or 10:1.

Control Valve

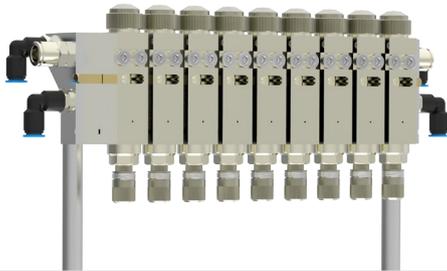


SCHÜTZE external control valve for pre- and purging air

Useable for all spray valves with separate atomizing and control air connection. With this unit a separate piloting of atomizing air and control air is no longer necessary. The required pressure can be regulated directly at the pre-purging air valve.

customised developments

SPMA-sprayhead



SCHÜTZE SPMA-sprayhead

Customised solution for the application of UV Coatings. Sprayhead with 9 spraymodules. Manifold made from stainless steel. Spraymodules can be equipped with different aircaps for the individual adjustment of the spraypattern.

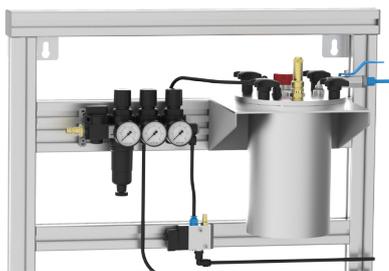
bead applicator



SCHÜTZE bead applicator CG-LV-10-150-2x24V – SMV

Customised solution for the application of glue beads. Bead head with 10 bed modules. 5 modules are piloted by one solenoid. Distance from nozzle to nozzle is 15mm. Other distances are possible.

marking unit



SCHÜTZE marking unit

The marking units are mounted on a frame made from aluminium profiles. The frame contains all necessary parts for air- and material supply of the marking valves (i.e. MMFS, KA-2HD/IS).



