

1C-PUR Hand Application System ECOPUR H



Areas of usage

Applying adhesive with hand application gun. 1C-PUR adhesives can be processed without abrasive filling materials and up to a maximum viscosity of 10,000 mPa s at 20° C

Technical features

A special diaphragm pump is attached to a 1C-PUR adhesive container. The adhesive is applied with a hand application gun that is supplied with adhesive through the diaphragm pump

The basic components of the hand application system are:

Hand application gun

Low-maintenance, manually activated material valve. The pressure hose is arranged on the intake side of the valve, while the application nozzle is on the outlet side

You can use the application nozzle to place a bead of adhesive on the wood and/or workpiece which are to be glued

When the hand application gun is not in use, it can be hung on the holder that is included with delivery. Because of the special properties of the application nozzle, no sealing liquid bath is required. Hardened residue of adhesive can simply be removed

A handle is mounted on the material valve. It is used to guide the gun with one hand



Hand application gun

Diaphragm pump

The pump is equipped with special diaphragms. It is mounted ready for operation and can be connected to the work side compressed air supply by means of the pressure regulator (max. 6 bar)

Pressure hose

The connection line between the hand application valve and the diaphragm pump. A PVC hose with a nominal diameter of 19 mm is supplied with the standard package. Due to the material properties, this PVC hose must be replaced from time to time. The length of the line should not exceed 8 m. A special high-quality metal hose is available for special applications at additional cost

Container connection

A PUR adhesive container with a 2-inch outlet can be connected to the diaphragm pump by means of a container connection. Depending on the design, a 2-m suction hose or corresponding fittings are included with delivery. A filled silicate gel filter with a 3/4-inch connection is included with delivery

Accessories

Control receptacle

Used for visual monitoring of the container. It also facilitates changing containers. Effective volume about 5 l
Intake with connection line to the container
Outlet with tube connection to the ECOPUR diaphragm pump
The control receptacle and membrane pump are fastened on a single support

Mobility cart

Allows for mobile use of the hand application system. The system components can be fastened on the cart. An integrated container holder for a 50 l container makes it possible to set the system up compactly. With a width of only about 800 mm, narrow doors do not represent an obstacle

Container holder (free-standing)

For receiving a 50 l resp. 200 l container. Height of outlet approx. 600 mm

Surface adapter

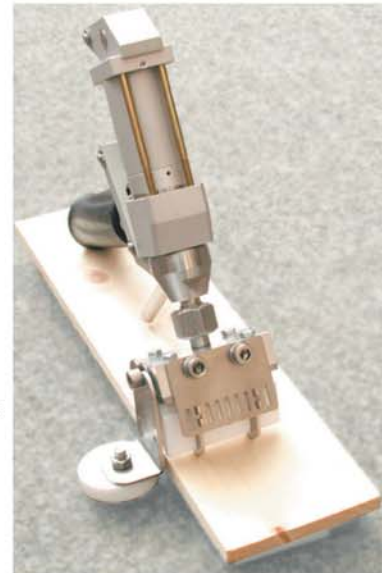
Standard widths: 40 / 80 / 120 / 160 mm
Individual adaptations and designs are possible after consultation

Holding device for hand application guns with surface adapter

When using a surface adapter, a special holder with a pan is necessary. The pan is filled with Mesamoll to prevent the adhesive from hardening on the adapter



Diaphragm pump with pressure hose and hand application valve



Hand application gun with surface adapter



Control receptacle



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