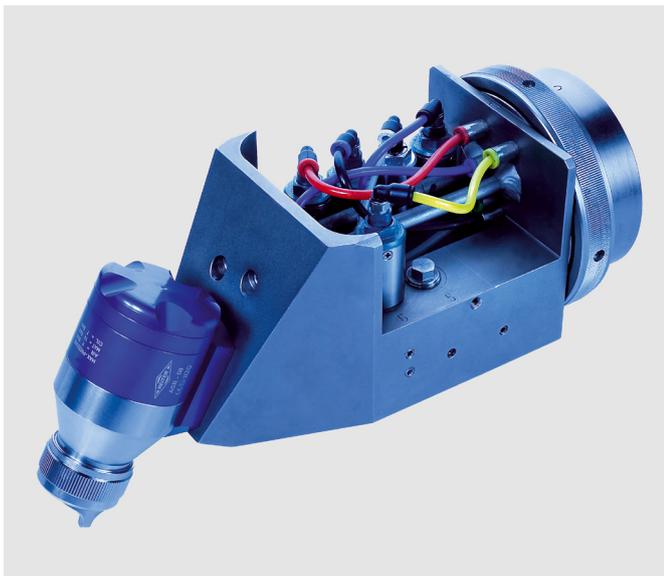




PERFECT PROCESS CONTROL, FAST COLOUR CHANGE, EASY TO USE.

Multi-valve Adapter

Version for robots with Hollow-Wrist with integrated static mixer



Range of application

The multi-valve adapter – with colour changer, up to 6 valves and optional with integrated static mixer – is suitable for all paints, which must be mixed in specific volume contents prior to spraying and consists of 2 materials – A resin and B hardener.

For versions with 1K materials the static mixer is not used.

Typical applications 2K materials

- Wood and plastics industry
- Large machines, containers, aeroplanes chemical plants
- Resistance against mechanical, chemical and environmental stresses
- For high quality finish with excellent flexibility of paint
- For reduced energy cost for curing of solvent borne systems
- For fast curing at normal ambient temperatures and easy handling of painted parts

Application safety

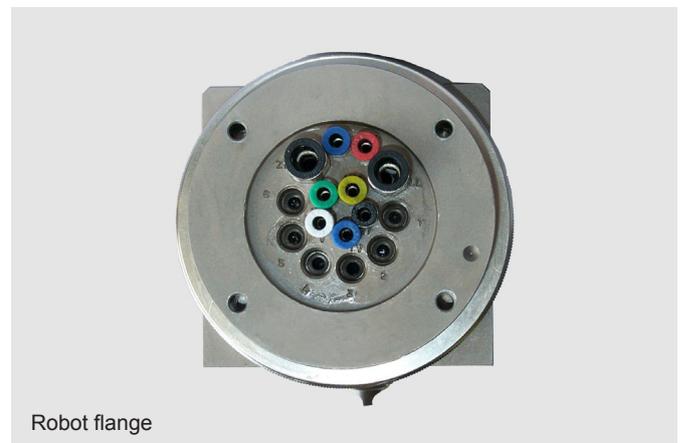
A and B components are mixed right in front of the gun in the multi-valve adapter.

Only very little material is mixed thus minimizing waste of paint during flushing.

Excellent mixing quality due to injection of hardener into resin.

Features

- Material only required at the moment is mixed
- When used together with an electronic 2K dosing unit wrong mixing ratios are impossible
- Material and disposal cost are reduced dramatically
- Very short flushing times increase productivity
- Minimum solvent and paint wastage for reduced emissions, material and disposal cost
- Suitable for paint systems with shortest pot life time



Robot flange



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Technical data

Multi-valve adapter – Version for robots with hollow-wrist

Control air:	6 - 7 bar
Dimension bracket for Hollow-Wrist:	ca. 270 x 105 mm, incl. mounted spraying system
Weight without spraying system:	7 kg (stainless steel)

Tool-Center-Point at 200 mm spraying distance:

C5.3 control:	X axis:	+388,69 mm
	Z axis:	-243,42 mm
	A axis:	-60°
S4 control:	X axis:	+388,69 mm
	Z axis:	-243,42 mm
	A axis:	q1 = 0.866025
	(Quaternions):	q2 = 0
		q3 = 0.5
	q4 = 0	

User friendly design

- Individual control of atomizer and fan air
- Dump valves for very short and controlled flushing cycles
- Separate dump lines for stock paint and hardener
- Change of mixer less than one minute
- Collision safety feature
- Quick release plate for spraying system
- All valves and spraying systems controlled by robot controller
- Quick mounting for hollow-wrist installation
- Reverse opening paint valves – no parts in mix channel