

- **Rotary spray gun for stationary use and circular dispensing of products into bores from Ø 8 mm**
- **Non contact application**
- **To be used mainly in combination with EP series metering valves**
- **Especially suitable for lubricants and anaerobic adhesives**
- **Not to be used for cyanoacrylates and solvent-containing adhesives**



The rotary gun is needed to dispense products into bores with a diameter ranging from 8 to 100 mm. It is vital to position the work piece onto which a product is dispensed exactly, especially when dealing with small bores.

The dispensing procedure is as follows:

The product (mixed adhesives, oils or other liquids) is delivered into the rotor head via a metering valve. Owing to the special construction and the rotation of the rotor head, product dispensing to the bore occurs in the form of a circle. The rotor shaft has two bearings and is

driven by a DC motor via a flexible coupling. The motor is equipped with an ironless rotor with self-contained helical winding; it has a linear rotational speed and a speed-torque curve.

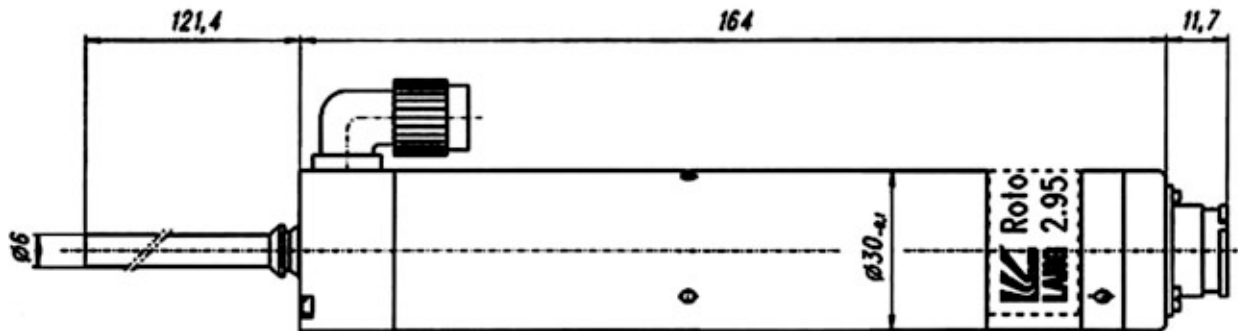
Owing to the rotor's design, this motor is highly efficient (90 %) and has very short start/stop times. The rotational speed is adjustable from 0 – 9,500 rpm when using the Multiline 6000 control unit and is controlled by a tachometer generator.

Electrical connection of the rotary spray gun is carried out through a 5-way plug-in connector, available on option in straight or angled versions.

### **Technical data:**

Kind of current	24 V / DC
Electrical connection	5-way plug-in connector
Product connection	hose connection for hoses Ø 4/6 mm
Max. rotational speed (material no. 295037)	9,500 rpm
Weight	0.4 kg

**Dimensions:**



**Pin configuration of connector plugs:**


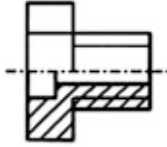
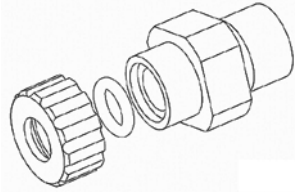



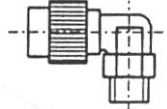


- 1 + motor (red)
- 2 - motor (black)
- 3
- 4 - transmitter (green)
- 5 + transmitter (yellow)

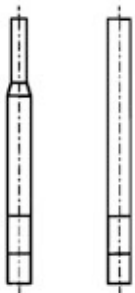
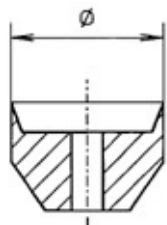
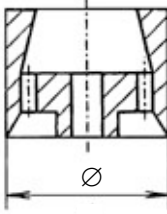
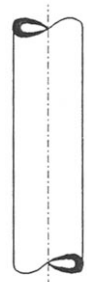
**Ordering data:**

Article/Nomenclature	Material no.
Rotary spray gun, type 3004 $\varnothing$ 30 mm, 9,500 rpm	295037
Rotary spray gun, type 3004 $\varnothing$ 30 mm, 9,500 rpm with 18 V motor	295051




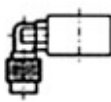
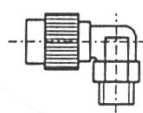
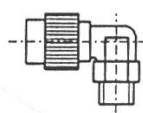
## Accessories:

	Article/Nomenclature	Material no.
	Metering valve EP series	
	Adaptor for metering tips	39520723
	Adaptor for metering tip extension consisting of: Adaptor with clamping M10 Union nut M10x1 Precision O-ring (FPM 602)	295253
	Metering tip extension (standard) Metering tip extension (Luerlock) material: Delrin (can be shortened if necessary)	39501117 295047
	Metering tip, Ø 0 mm Metering tip, Ø 0.5 mm Metering tip, Ø 1.0 mm Metering tip, Ø 1.0 mm Luer-Lock Metering tip, Ø 1.5 mm	415701145 1...5232 415701147 415701148 295250
	Angled support with cover for attachment of the EP series metering valve	295038
	Angled screw connection R 1/8" PVDF for product hose Ø 6/8 mm	415101809

### Accessories:

	<b>Article/Nomenclature</b>	<b>Material no.</b>
	Rotor shaft Ø 3 mm free shaft length 30 - 50 mm	39500630
	Rotor shaft Ø 3 mm free shaft length 80 - 120 mm	39500636
	Rotor shaft Ø 6 mm free shaft length 30 - 120 mm	39500601
	Rotor heads with rear rotor edge	
	Rotor head 6 mm Ø, shaft 2 mm Ø	39502001
	Rotor head 7 mm Ø, shaft 2 mm Ø	39502002
	Rotor head 8 mm Ø, shaft 2 mm Ø	39502003
	Rotor head 9 mm Ø, shaft 3 mm Ø	39502004
	Rotor head 10 mm Ø, shaft 3 mm Ø	39502005
	Rotor head 11 mm Ø, shaft 3 mm Ø	39502006
Rotor head 12 mm Ø, shaft 3 mm Ø	39502007	
	Rotor heads with front rotor edge	
	Rotor head 9 mm Ø, shaft 2 mm Ø	39502022
	Rotor head 10 mm Ø, shaft 2 mm Ø	39502019
	Rotor head 12 mm Ø, shaft 3 mm Ø	39502023
	Rotor head 14 mm Ø, shaft 3 mm Ø	39502008
	Rotor head 16 mm Ø, shaft 3 mm Ø	39502009
	Rotor head 18 mm Ø, shaft 6 mm Ø	39502010
	Rotor head 20 mm Ø, shaft 6 mm Ø	39502011
	Rotor head 22 mm Ø, shaft 6 mm Ø	39502018
	Rotor head 24 mm Ø, shaft 6 mm Ø	39502012
	Rotor head 28 mm Ø, shaft 6 mm Ø	39502013
	Rotor head 32 mm Ø, shaft 6 mm Ø	39502014
	Rotor head 36 mm Ø, shaft 6 mm Ø	39502015
	Rotor head 40 mm Ø, shaft 6 mm Ø	39502017
	Product hose Ø 4/6 mm, material: PE	417400301
	Product hose Ø 4/6 mm, material: PTFE	417400215
	Product hose Ø 6/8 mm, material: PE	417400310
	Product hose Ø 6/8 mm, material: PTFE	417400224

### Spare parts:

	Article/Nomenclature	Material no.
	Standard rotor shaft Ø 6 mm Free shaft length max. 120 mm	39500601
	Rotary spray gun housing with bearing completely assembled	295034
	DC motor with tachometer generator motor suspension and coupling piece completely assembled	295035
	Metering hose connecting piece with angled screw connection	295036
	Angled screw connection R 1/8" PVDF for product hose Ø 4/6 mm	415101810
	Angled screw connection R 1/8" PVDF for product hose Ø 6/8 mm	415101809