

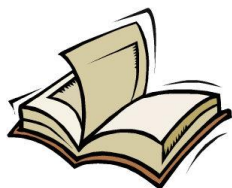
Combination pressure cup spray gun 3000 FG / FGR

Art. no.: 30601 / 30610



Illustration shows 3000 FGR

Thank you very much for the trust you have placed in us and our products.



Please read the operating manual first before using the spray gun.

This operating and maintenance manual contains important information required for the safe and trouble-free operation of your pressure cup gun. For this reason, always keep this operating manual with the pressure cup gun.

General notice:

This pressure cup gun was developed for certain applications. We explicitly point out that this pressure cup gun must not be modified and/or used in a way that does not correspond to its intended use.

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1. Technical data

Description	3000 FG	3000 FGR
Operating pressure	2-8 bar	
Maximum pressure	8 bar	
Bottle volume	1.400 ml	
Connection thread	¼"	
Compressed air connection	Quick coupling	
Adjustable spray pattern	3-fach	
Measurement 3000 FGR	391 x 205 x 95 mm	
Measurement cardboard	415 x 247 x 110 mm	
Net weight	approx. 1472 g	approx. 1490 g
Gross weight	approx. 1796 g	approx. 1814 g
Weight hose set 3900 WH 02/04	150 g	
Required air quality	filtered, condensate-free	

* included with 3000 FG-Set and 3000 FGR-Set

2. Extent of delivery

Pressure cup gun, air volume regulation device (mounted), compressed air connection, operating manual

3. Intended use

This pressure cup gun is a compressed air operated quality tool for professional use. It is suitable for processing liquid media in the form of loose containers or 1 litre cans with plastic threads.

4. Features

The effectiveness of the pressure cup gun 3000 FG / FGR is based on overpressure. For this purpose, pressure is built up in the container by means of an air duct integrated in the gun body. This conveys the material present in the pressure vessel via a riser pipe into the material nozzle. At the material nozzle the adjustable spraying air causes a mixing with the medium whereby an adjustable spraying jet develops.

5. Safety instructions



This pressure cup gun is not suitable for alkaline and acidic media.

Such media must not be processed with this pressure cup gun!!

Protect yourself and the environment by taking appropriate precautions against the risk of accidents and observe the following instructions in your own interest:



- The operator must ensure proper operation.
- Do not bring compressed air and/or medium into contact with skin or eyes.
- Never direct the spray jet at animals, people or yourself.
- Keep children and pets away from the operating area.
- No manipulations, emergency repairs or misappropriations may be carried out on the pressure cup gun.
- Pressure cup guns may only be operated and maintained by instructed persons.
- Repairs must only be carried out by qualified persons.

The following applies to all maintenance and repair work:



- It is essential to disconnect the pressure cup gun from the compressed air connection before carrying out maintenance or repair work.
- Only use original spare parts.
- The maximum working pressure must not be exceeded (see point 1 "Technical data"). The working pressure must be adjusted via a (filter) pressure reducer.
- Only use compressed air as energy source.
- The compressed air connection may only be made via quick coupling.
- When working with the pressure cup gun, wear the necessary protective clothing, protective goggles, work gloves, ear protection if necessary and a respirator mask.
- If there are leaks in the device or other operating faults, the device must be disconnected from the compressed air supply immediately and the cause of the fault must be eliminated.
- Open fire, sparks or smoking is prohibited.
- Beware of flammable materials.
- Processed media and cleaning media must be disposed of in an environmentally friendly manner.
- The disposal of the compressed air device must be carried out according to the valid legal regulations.

6. Installation / end of work

Preparing the gun for the first start-up: Screw in the compressed air connection and tighten it firmly using a 13 mm open-end wrench or ring spanner, if necessary glue it in place.

With optional pressure regulator instead of air volume regulation: Screw the pressure gauge included in the extent of delivery into the pressure regulating device, if necessary glue it in place.

Start-up: Unscrew the pressure container and fill the medium into the container. *Alternative:* When using a 1 litre can, pierce the protective film and immerse the riser pipe in the medium. Then hand-tighten the 1 litre can into the threaded holder of the pressure cup gun. Make sure that the can is properly screwed to the gun!!

Then screw the container cover with the gun hand-tight onto the pressure container. Do not use any tools for this! Connect the gun to the compressed air supply via the quick coupling. By pressing the trigger you put the pressure cup gun into operation.

The spray pattern can be influenced by the following factors::

- Material quantity via stop screw/nozzle needle
- Adjusting the intake pressure
Spraying air via knurled screw on gun head
For fine jet - add a lot of air
For coarse jet - add little air
- Distance between spray nozzle and object
- Angle of the gun to the object

End of work: Vent the pressure container using the exhaust air valve (pos. 27 - only for 3000 FGR). Disconnect the device from the compressed air supply after each use. Clean the device according to the instructions given in point 7.



Attention:

Never operate the trigger while the container is under pressure but the pressure cup gun is not connected to the compressed air source. This can push the medium into the air ducts and render the pressure cup gun unusable!

7. Maintenance and care

Clean the compressed air device after each use. Fill the pressure tank with cleaning medium and flush the pressure cup gun and the hoses (if present) by starting the device.

We recommend benzine or commercially available turpentine-based clean-ers.

Do not use aggressive cleaning media! Following the maintenance instructions will ensure a long service life and trouble-free operation for this quality product.

**Attention:**

Pay attention to a proper disposal of the residues, which arise during the maintenance and care.

8. Storage

The compressed air tool must be stored under the following conditions:

- If residual material is present, store only upright.
- Carefully clean the pressure cup gun after each use.
- Store in a dry and dust-free place.
- Do not expose to liquids and/or aggressive chemicals.
- Keep out of the reach of children.

9. Troubleshooting

In all cases of malfunction, please first check whether there is sufficient compressed air available, whether the spray material can still be processed, whether the expiry date has passed or whether the material has dried out.

- **Gun sprays messy**

Possible cause: Adjustment options not optimally adjusted.

Solution: Operating pressure, spraying air, material quantity to be adjusted to each other.

- **Gun does not spray any material**

Possible cause: The riser pipe and/or spray nozzle are clogged.

Solution: Clean clogged parts.

- **Air escapes from the spray nozzle even though the trigger is in its initial position.**

Possible cause: Valve bolt is jammed.

Solution: Pour oil onto the valve bolt and/or into the compressed air intake. Operate the trigger several times.

- **Material exits the spray nozzle even though the trigger is in its initial position.**

Possible cause: Nozzle needle is jammed.

Solution: Clean the nozzle needle, apply oil to the nozzle needle and/or slightly reduce the pressure on the nozzle needle seal using a 9mm wrench. In order to ensure error-free use, a clamping effect on the nozzle needle seal must remain. Press the trigger several time.

10. Warranty terms

The basis for all warranty claims is the complete pressure cup gun and the proof of purchase. Damage caused by improper handling of the pressure cup gun is not covered by the warranty.

If you have any questions, please indicate the type description or the article number of the spray gun.

- In conformity with legal regulations, you receive a 24-month warranty on all products against material and manufacturing defects.

Excluded from the warranty:

- Wear parts.
- Damage caused by improper use.
- Damage caused by lack of maintenance.
- Damage caused by dirt.
- Damage caused by untreated compressed air.

If warranty claims are made, the pressure cup gun must be in its original condition.

11. Address

In case of service your sales representative is at your side or contact the following address:

Vaupel GmbH
Gerätebau & Drucklufttechnik
Am Forsthaus 6
35713 Eschenburg-Simmersbach
Germany
Telephone: +49 (0) 2774 80069-0
E-Mail: info@vaupel-gmbh.de
Internet: www.vaupel-gmbh.de

Notice: We reserve the right to make technical changes. Illustrations may differ from the original. We assume no liability for printing errors.

12. EC-declaration of conformity

EC-declaration of conformity

In accordance with the EC Machine Directive 2006/42/EC,

Type of gun: Pressure cup gun

Type designation: Type 3000 FG / FGR

Type description: Pressure cup spray gun

Article number Manufacturer : 30601, 30624, 30610, 30631

Is developed, designed and manufactured in accordance with the above EC Directives, under the general responsibility of

Company: Vaupel GmbH
Gerätebau & Drucklufttechnik
Am Forsthaus 6
35713 Eschenburg-Simmersbach

The technical documentation is complete.

The following harmonised standard has been applied:

**DIN EN ISO 12100 - Sicherheit von Maschinen – Allgemeine Gestaltungsleit-
sätze - Risikobeurteilung und Risikominderung**

The operating manual belonging to the machine is available in the original version and in the respective national language.

Simmersbach, 01.04.2020



Place, Date

Signature, Managing director

13. Spare parts list

Pos.	Article no.	Description
1	---	Gun body
2	50 3909 005	Trigger
3	30 1102 006	Lever axis
4	60 3100 029	Lock washer
5	83002	Nozzle needle complete
6	60 3104 007	Spring for nozzle needle
7	30 1122 005	Stop screw
8	80158	Valve bolt
9		O-ring 1,5 x 0,75 mm
10		Valve seal
11	60 3103 003	Spring for valve
12	60 4100 362	O-ring 8 x 1 mm
13	30 1120 002	Locking screw
14	40 4100 003	Needle seal Teflon
15	60 4100 364	O-ring 5 x 1 mm
16	30 1421 012	Needle gland
17	60 4100 366	O-ring 8 x 2,5 mm
18	83003	Spray nozzle 3000
19	60 4100 314	O-ring 10 x 2 mm
20	30 1411 007	Air nozzle SW 17 mm
21	83313	O-ring 15 x 2 mm
22		Adapter 3000
23		O-ring 33 x 2 mm
24	80502	Exhaust air valve (only with 3000 FGR)
25	10 2112 006	Container lid with ¼"
26	60 4100 060	O-ring 84 x 4 mm
27	60 4100 344	U-cup 12 x 18 x 4.5 x 1.6 (only for 3000 FGR)
28	83009	Bottle holder
29	60 3129 011	Riser pipe 250 mm long
30	10 2109 004	Pressure container
31	83004	Air volume regulation device
32	30 1423 002	Compressed air connection D
33	30 1423 001	Compressed air connection F (optional)
34	30 1413 002	Compressed air connection CH (optional)

14. Notices