

## Description, packing list, operation manual

### DG – 8301

#### Metered applicator for viscous glues and coating materials

##### 1. Specifications

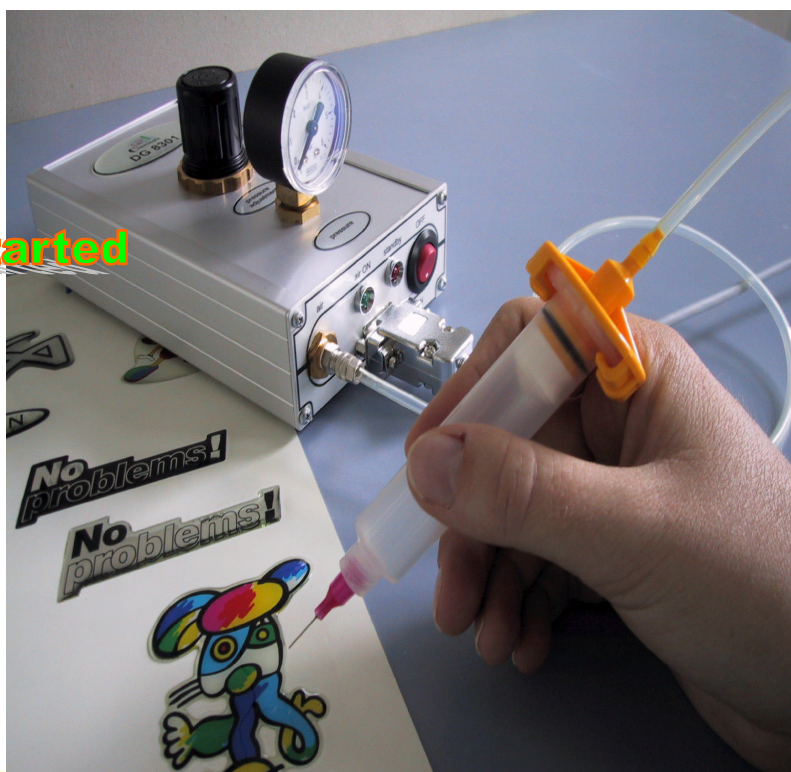
This applicator **DG – 8301** is a reasonably priced option for most dispensing tasks in the professional or semi-professional sphere.

It is so compact, with a base area of only 103 x 168 mm, that its reliable and flexible functions can be exploited without taking up additional space.

## Installation Connection Getting started

##### Technical data:

Input voltage:	220 V AC
Working voltage:	12 V DC
Dosing:	Manually
Size:	103 x 168 x 42 mm
Pressure at inlet:	3 – 8 bar
Pressure at outlet:	0,1 – 6 bar
Standards:	CE-Mark



##### Packing list:

<u>Item</u>	<u>Quantity</u>	<u>Item no.</u>
Applicator DG – 8301	1	8301100
220 V grid adapter	1	8301101
Foot-operated switch with cable	1	8301102
Compressed air hose (2 m) with adapter	1	8301105

##### Accessories:

Variable grip for cartridges 30/55 cm <sup>3</sup> with hose 1 m	1	8301204
Transparent 55 cm <sup>3</sup> cartridge	1	8301504
30/55 piston in white PE	1	8301604
Conical applicator needle, stem diameter 1.20 mm	1	8301435
Applicator needle, stem diameter 1.37 mm	1	8301437
Applicator needle, stem diameter 0.58 mm	1	8301458
Needle plug	1	8301142
Cartridge stand	1	8301590



## Sura Chemicals

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## 2. Getting the box ready for use

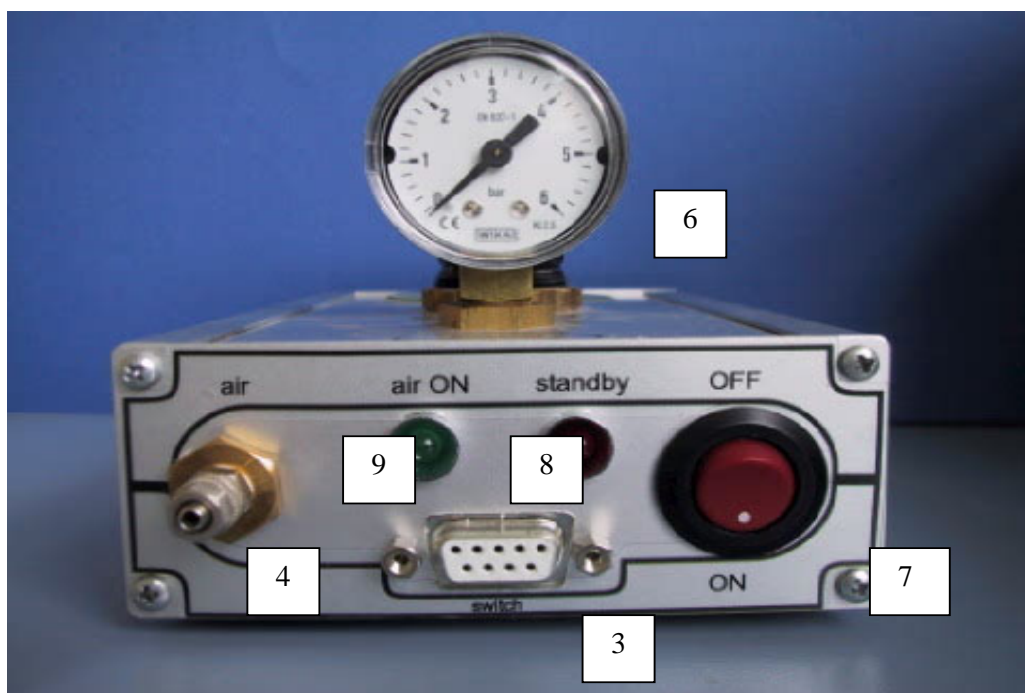


- Unpack the box and the accessories.
- Check that the accessories are complete in accordance with the packing list.
- Position the box where it is to be operated, near the compressed air supply or a compressor (optional accessory).
- Connect the 220 V adapter to a suitable 220 V socket (50 Hz), plug the cable end into socket 1.
- Attach the compressed air hose with its quick-action coupling to the coupling plug 2 on the box and connect the unit at the other end to the compressed air source.
- Connect the foot-operated switch belonging to the plug to the sub D connector 3.
- Connect the hose with the adjustable casing for cartridges to 4, tighten the cap nut.



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### 3. Use

- Select the desired cartridge and needle.
- Fit cartridge and adjustable casing for cartridges together.
- Insert the piston and the needle.
- The kit is now ready to be filled with the doming material, which should be of the viscous type.
- In order to judge the compressed air input, experiment first with materials of similar viscosity.
- Turn on the compressed air at the source; permitted pressure range 3 to 8 bar.
- Use the control valve 5 to regulate the compressed air in relation to the viscosity of the doming material. This involves pulling the black rotating knob upwards after the stop has been released.
- The manometer (6) will assist in the checking and increasing or reducing of the air pressure (turning clockwise increases and anticlockwise decreases the pressure).
- Once the pressure has been set, push the black rotating knob for the control valve downwards and ensure the stop is on.
- Switch the On/Off switch (7) to “on”, then the “standby” LED (8) will be illuminated in red.
- When the foot-operated switch is pressed, the compressed air jet is activated and the “air on” LED (9) will be illuminated in green.
- At the end of the application process, the compressed air supply must be switched off (manometer reading 0) and the compressed air shut off at source.
- Switch the On/Off switch to “off”.

- Twist the adjustable casing to remove the cartridge and if required insert the sealing cap in the side of the casing.
- Remove the applicator needle and insert the needle plug.

#### 4. Guarantee conditions

The DG 8301 applicator is guaranteed for 24 months from the date of purchase. (For repair or replacement) it must be returned to the manufacturers at the purchaser's cost.)

The guarantee covers:

- Faults in the box such as defective materials or workmanship;
- Damage to the box during transport, also faulty functioning;

The guarantee does not cover:

- Defects caused by any of the following: faulty operation, abuse of the equipment, wear and tear;
- Incorrect assembly or the insertion of parts not obtained from the manufacturer;
- Improper use;
- Claims for replacement of materials, consequential damage or loss of production;

Any damage sustained during transport must be notified to the supplier immediately on being detected.

Anything missing from the goods supplied or any damage sustained during transport must be notified in writing immediately after supply to the supplier, whose fax number is +49 3641 352929.

Before the apparatus is returned, the damage detected must be notified to the seller. For the rest, the seller's terms and conditions of business, also guarantees, will apply.

Any replacement or repair of accessories will be organised via the seller.



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## 5. EC Declaration of Conformity

### **EC Declaration of Conformity**

to comply with the EC Machinery Directive, 98/37/EG

SurA Chemicals GmbH hereby certifies that the product named below fulfils in its design and construction the safety and health requirements laid out in the Directive, as do the documents issued in association with it. If the product is altered in any way not explicitly agreed by SurA Chemicals GmbH, this declaration will become invalid.

Manufacturer:

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GERMANY  
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Description of product:

Applicator for viscous coating materials and glues

Type:

DG 8301

Item no.:

8301

Year built:

2007

The directives fulfilled by the product are

EC Machinery Directive (98/37/EC)

EC Electromagnetic Compatibility Directive (89/336/EEC)

Harmonised standards applied:

EN 50082-1

Manager	Date	28 <sup>th</sup> June 2007
	Name	Dr. Gorski
	Signature	



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