

Operating Instructions for Hot-Melt Glue Gun

MS 80 Glue Gun

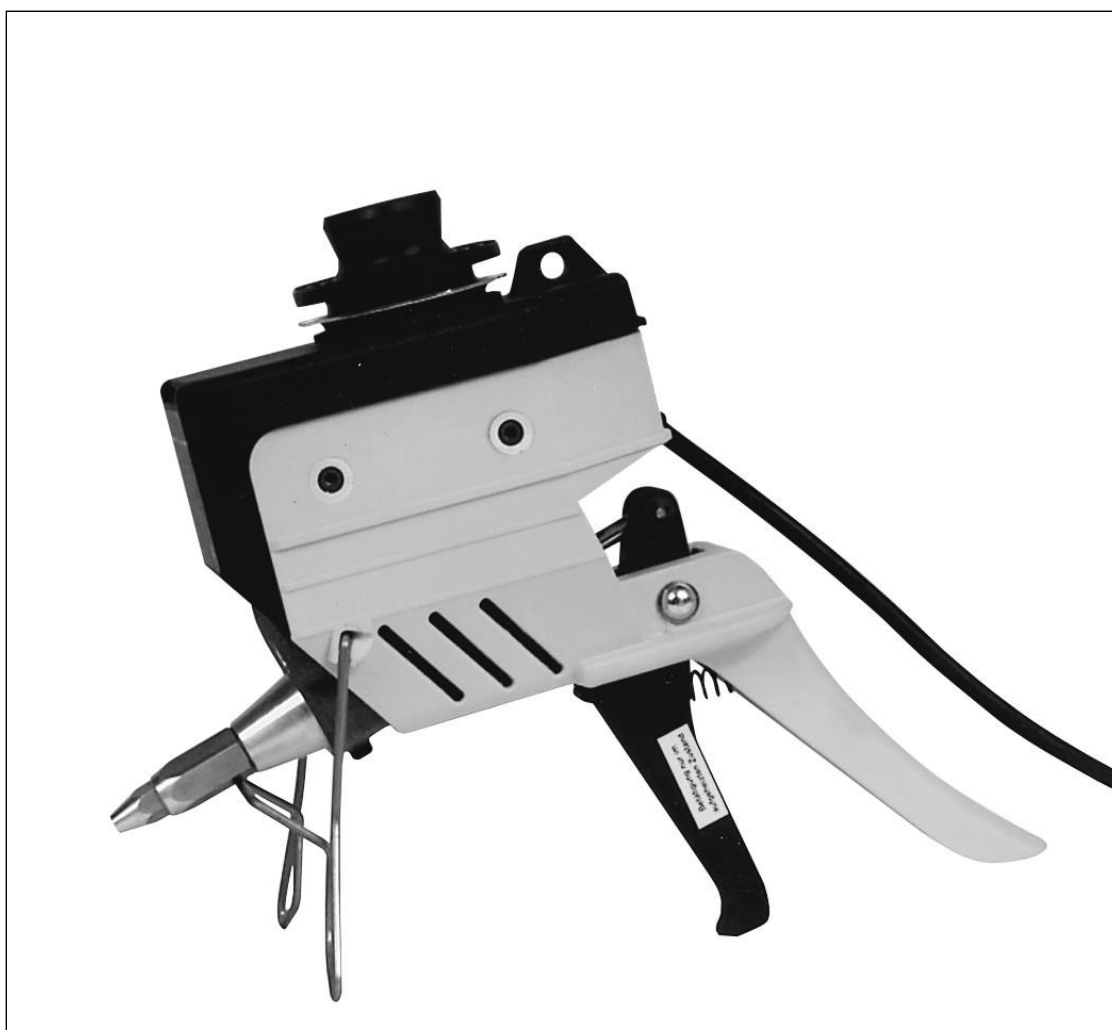


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Dear customer,

The glue gun you purchased will help you to glue parts together more easily and more rapidly. Before using the gun, please read these instructions thoroughly.

Product Description

Proper Use

The gun works with and dispenses hot glue. Therefore, the glue gun should only be used by qualified people. Handling the gun properly will save you unnecessary accident hazards and problems.

Personal injury or material damage caused by an improper use of the Hot-Melt Glue Gun shall not be the manufacturer's but the user's responsibility.

Technical Data

Connection	120 / 230 V / 50 Hz
Heating capacity	200 W
Temperature control	thermostat
Temperature, max.	190 °C
Heat-up time	approx. 10 min.
Tank capacity	80 g
Max. application per min.	100 g
Weight hand gun	750 g

Accessories

- **Special nozzles on request.** Please ask for our accessory nozzle leaflet.

Trouble-Shooting

Survey on Possible Fault Signals and Assistance in Trouble-Shooting

In case of damage, send glue gun to Reka. We shall not be responsible for any repair made by the customer.

Problems	Possible Causes/ Faulty Operation	Trouble-Shooting
No or too little glue comes off though the heat-up time has been exactly observed	<ul style="list-style-type: none"> • clogged nozzle • temperature too low 	<ul style="list-style-type: none"> • unscrew nozzle, clean or replace it • check temperature
Glue is too fluid or too consistent	<ul style="list-style-type: none"> • temperature too high or too low 	<ul style="list-style-type: none"> • check temperature
Glue leaks out of nozzle	<ul style="list-style-type: none"> • clogged nozzle 	<ul style="list-style-type: none"> • unscrew nozzle, clean it carefully or replace it. Unscrew nozzle at working temperature, wear gloves (risk of burning).
No temperature	<ul style="list-style-type: none"> • gun switched off 	<ul style="list-style-type: none"> • connect plug to socket properly. • If necessary, return gun to Reka

General Safety Instructions

User's Care and Diligence

The Glue Gun has been designed and fabricated according to the applicable harmonized standards and further technical specifications. So, it is state of art and ensures a maximum of safety.

This safety, however, can only be achieved in practice, if all necessary measures have been taken. The user of the device shall be obliged to plan these measures and to make sure that they are taken.

In particular, the user shall ensure that

- the gun is in working order
- the required personal protective equipment (protective gloves) for the operating personnel is available and used
- the entire operating instructions are in legible condition and available to the operator
- only sufficiently qualified and authorized personnel operates and maintains the gun
- this personnel is regularly instructed in the applicable aspects of operational safety and environmental protection, and knows the operating instructions and, in particular, the safety instructions.

Make the information available:

This operating manual shall be kept on the site of operation. It must be ensured that all persons operating the gun can look into the manual at any time. In addition to the operating manual, the instructions pursuant to the Factory Act and the regulations as regards the use of equipment shall always be at the operator's disposal.

Meaning of the Various Safety Symbols

This operating manual shall give concrete advice as to safety to draw the user's attention to remaining unavoidable hazards. These hazards imply dangers to

- persons
- product and equipment

The symbols used in the operation manual shall, in particular, call attention to the safety instructions!



This symbol indicates that there is, above all, danger to persons, but also to equipment and material.

Caution: Hot surface!

Accident Prevention Regulations VBG 125 - W26

Hot surfaces such as machine parts, tanks or materials, but also hot liquids cannot always be perceived. The utmost caution is advised when this symbol is attached to a component.

Always wear protective gloves when you have to touch hot surfaces!

Safety Measures in Case of Normal Operation

The instrument must only be used by persons trained and instructed and being allowed to use it. They have to know the operating instructions and be able to work accordingly.

Prior to each use, check the gun for visible damage and make sure that it is in perfect condition!
Advise detected defects to your superior at once!



Safety Instructions for the Use of Hot-Melt Glue Gun MS80

- Always follow the accident prevention regulation **VBG 81 - Processing of Glues** issued by the Professional Association of the Chemical Industry
- Fill gun only just under the charging hole.
- **All visible material parts may warm up to 250 °C !**
- Never exceed working temperature of the hot melt.
Overheating may lead to decomposition which may affect health.
- Never start working without having mounted a nozzle.
- **Do not direct glue jet towards people.**
- Prior to any nozzle replacement, unplug connecting cable.
- When a nozzle is replaced, liquid glue may leak out. **Warning: Risk of burning!**
- Never bring the hot nozzle in contact with the cable.
- Ensure sufficient ventilation.
- Do not inhale vapour escaping from the glue. **Attention: inhaling this vapour may cause irritations of the respiratory tract.**
- **When your skin got into contact with hot glue, cool it with cold water immediately. Do not try to remove hot melt from the skin first. If necessary consult your doctor.**
- **When hot adhesive got into your eyes, immediately cool them under running water for about 15 minutes and consult your doctor at once!**
- **Never work without protective gloves and glasses!**
- **Never fill in any solvents or paraffines to avoid risk of explosion.**

- Note:**
- Do not lay gun on its side
 - Never overcharge gun
 - Press trigger only when gun is heated
 - Before you change the glue type, pump residual quantity out of the nozzle
 - Do not direct glue jet towards people
 - Do not carry out overhead work
 - Do not hold nozzle top upward
 - Never work without having mounted a nozzle
 - Stop using the gun, if casing is damaged due to shock, breakage or heavy wear.

Start-up and Operation

To avoid risk of stumbling:

Lay all instrument connections (cable, hoses, and lines) so that they do not cause any risk of stumbling (cable conduits, bridges)!

Operation of the Glue Gun

Plug connecting cable of the MS 80 Glue Gun into socket with earthing contact.

The MS 80 Glue Gun is fixed to a temperature of 190 °C and, thus, appropriate for all the glue granulates normally in use.

For special granulates, use a screw driver to adjust the temperature infinitely at the rear side of the gun.

The maximum temperature of 200 °C is set at the right limit stop.

Minor leaking during the heat-up phase is due to hot melt expanding in the nozzle/heating chamber.

Attention: Once the gun has warmed up, nozzle and cover are extremely hot!

Never work without wearing protective gloves!

Loading of Glue

- The MS 80 Hot-Melt Glue Gun must only be used for applying solvent-free hot melts. Never fill gun with other materials. This Hot-Melt Glue Gun can work with all the types of hot melt that are designed for working temperatures of up to max. 200 °C.
- As soon as the gun has warmed up (approx. 10 min.), open cover and fill granulate into the gun till it appears just under the rim of the charging hole.
- Close cover and allow some time for the glue gun to melt the glue (approx. 10 min. depending on type of glue).
- The quantity to be applied can be determined by pressing the trigger: the longer you press, the more glue comes off.
- **Open the cover only when gun has warmed up!**

Application of the Hot Melt

Only start glueing, when the glue has properly molten.

Make yourself familiar with the instrument first. Apply a little glue in varying forms (small, large dots) on a piece of paper or cardboard. This is very easy.

Observe the correct working temperatures of the individual hot melts.

Never start working without having mounted a nozzle!

Press the trigger only when gun has warmed up!

Nozzle Replacement

Only replace nozzles when the glue gun is warm (instrument temperature 60 - 80 °C) and empty. You are advised to wear protective gloves.



Prior to exchanging nozzles, unplug connecting cable!

Replacing a cold nozzle may damage the gun. If the nozzle is replaced when it is too hot, liquid adhesive may leak out.



Attention: Risk of burning!

- When your skin got into contact with hot glue, cool it immediately with cold water.
- Do not try to remove hot melt from the skin first. If necessary, consult your doctor.
- When hot adhesive got into your eyes, immediately cool them under running water for about 15 minutes.

Consult your doctor at once!



**Never start working without having mounted a nozzle!
Do not direct glue jet towards people!**

Operation

The glue gun shall only be used/applied according to its intended use. Please see Section "General Safety Instructions".

Improper use of the gun may cause personal injury or material damage.

Non-observance of the safety instructions when working with the gun may lead to serious burns.

Make a functional test acc. to the following list, before you switch on the glue gun:

Check List

- Is the glue gun connected to 120/230 volts?
- Is the nozzle clean and free of any foreign matters?
- Is solvent-free hot melt in the gun?
- Has the heat-up time of approx. 10 minutes (depending on the glue type) been observed?

While you are working...

...the glue gun must always be deposited on the wire strap.

Never lay gun on its side!

- Open gun only if required; cover can only be opened while gun is warm.
- Keep hot melt free of dirt and humidity.

General Hints

- Do not start glueing before glue is fluid.
- Glues that have not molten completely will not reach the glueing temperature required.
- Not having the required glueing temperature, glues cannot produce optimum glueing results.
- Due to the high viscosity of partly molten glues a lot of manual energy will be needed to dispense them.
- This will cause some essential parts of the gun to wear very fast .



Always deposit glue gun on the wire strap provided for this purpose. Never lay glue gun on its side!

- Note:**
- Do not lay glue gun on its side
 - Never overcharge gun
 - Do not direct glue jet towards people
 - Do not hold nozzle top upwards
 - Do not carry out overhead work
 - Never exceed working temperature of the glue
 - Stop using the gun, if casing is damaged due to shock, breakage or heavy wear.

Cleaning and Maintenance

Only fill clean and solvent-free glue into the gun. Contaminated glue, nails, clamps, sand, etc. cause malfunctions. The use of solvents, petrol, benzole, toluol, acetone, terpentine, etc. will lead to an explosion. Never use these materials!

If you observe the operating instructions, the gun does normally not need cleaning.

If the gun is used very often, it has to be maintained regularly. To set a date, please call our service department.

Additional Information

Do you have any more questions or requests? We should be glad to help you.

Please contact us at phone no. ++49-721-970 780 / Fax ++49-721-705 069

Our mailing address is:

Reka Klebetechnik GmbH & Co. KG.
Siemensstr. 6

D - 76344 Eggenstein

e-mail: info@reka-klebetechnik.de

Internet: www.reka-klebetechnik.de

EC-Conformity Certificate

acc. to EC Guideline 89/392/EEC, Supplement IIA

This is to certify that the below-described machine, as regards its design and type, as well as the construction sold by us, is in conformity with the relevant safety and health regulations of the EC guideline.

Description of the machine	:	MS 80 Glue Gun
Intended use	:	Application of solvent-free hot melt
Machine type	:	MS 80
Serial number	:

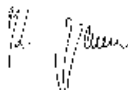
Design modifications influencing the technical data specified in the operating manual and the intended use, thus meaning a considerable change of the device, render this conformity certificate invalid!

Relevant EC guidelines : EC Machine Guideline (89/392/EEC)
Amendment of Machine Guideline
(91/368/EEEC)

The follw. harmonized standards have been applied : EN 60204 Part 1 (DIN VDE 0113 Part 1)
EN 292 Parts 1 and 2, EN 349, EN 294

An original version of the operating instructions for the glue gun, in the national language of the user - here English - is enclosed.

Place / manufacturer : 76344 Eggenstein Reka Klebetechnik GmbH & Co. KG
Siemensstr. 6
Date : December 2001 D-76344 Eggenstein

Signatures : 
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Karl Coenen
Product manager

Ersatzteilliste / Spare Parts

MS 80

01.01.2002

Pos.	Bestell Nr. / Order No.		Bezeichnung	Name
	Hübner	Reka		
1	2927-00	3859	Gehäuseschale	Casing part
2	2928-00	3861	Haube	Cap
3	2912-00	3857	Schmelzbehälter	Melting container
4	2791-00	3911	Düse Nr. 2 AG kpl.	Nozzle no. 2 cpl.
4.0	2895-00	3909	Düsen spitze Nr. 2	Nozzle top no. 2
5	2793-00	3759	Austrittstück IG	Exit piece
6	2795-00	3910	Düsenhalter	Nozzle holder
7	2266-00	3808	Silikon-Glaseidenschlauch	Silicone tube
8	2797-00	3762	Kolben kpl.	Piston cpl.
9	2936-00	3763	Kolbenstange	Piston rod
10	2800-00	3810	Abzugshebel	Trigger
11	2804-00	3765	Lagerbuchse	Bearing sleeve
12	2937-00	3885	Deckel kpl.	Lid cpl.
13	2939-00	3863	Isolierbuchse	Insulating sleeve
14	2942-00	3864	Isolierbuchse	Insulating sleeve
15	2943-00	3865	Abstandshülse	Distance sleeve
16	2944-00	3866	Abstandshülse	Distance sleeve
19	2946-00	3868	Keramikklemme	Ceramic grip
21	2816-00	3757	Kugel	Ball
22	2948-00	3870	Kragen MS 80	Collar
23	2949-00	3882	Ständer	Stand
25	2951-00	3871	Anlegethermostat	Thermostat
26	2952-00	3872	Heizpatrone 240V	Heating element 240 V
27	2953-00	3894	Heizpatrone 120V	Heating element 120 V
29	2828-00	3783	Netzkabel	Cord with plug
30	2924-00	3858	Knickschutztülle	Bending protection
31	2956-00	3873	Rohrniete	Rivet
32	2957-00	3874	Rohrniete	Rivet
37	2962-00	3895	Kabelschelle	Clamp
38	2927-00	3860	Zugentlastung	Bride
41	2156-00	3789	Düse Feder	Nozzle Spring
42	2853-00	3845	Druckfeder	Pressure spring
43	2843-00	3791	O – Ring	o-ring
44	2157-00	3827	O – Ring	o-ring
50	2972-00	3877	Zylinderschraube	Cyl. Screw
51	2974-00	3878	Schraube	Screw
53	2852-00	3794	Schraube	Screw
56	2975-00	3879	Zylinderschraube	Cyl. Screw
58	2977-00	3788	Zylinderschraube	Cyl. Screw
60	2978-00	3818	Zackenring	Ring
63	2979-00	3880	Sicherungsring	Washer
64	2871-00	3802	Spannhülse	Adaptor sleeve
65	2870-00	3814	Spannhülse	Adaptor sleeve
67	2945-00	3867	Niet	Rivet
71	2877-00	3806	Zahnscheibe	Washer

Art.Nr.9117

-,-	1805-00	3898	Isolierbuchsenset 13/15/31	Insulating sleeve set
-,-	1806-00	3899	Isolierbuchsenset 14/16/32	Insulating sleeve set