

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.

The TR-500/501/502/505 glue guns can work with glue sticks that are 90 – 300 mm long and have a diameter of 11.3 mm.

#### Start-up

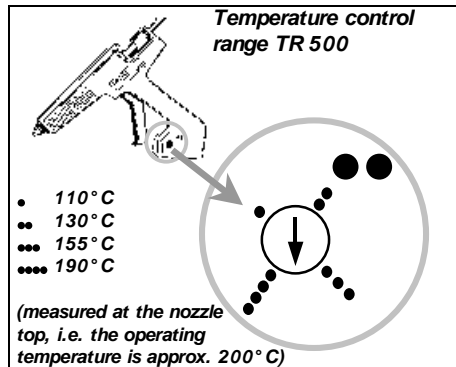
Plug connecting cable into socket (230 V).

Lamps signalling readiness for operation will then emit light (at TR-500 + 501).

- green = connection to mains
- red = heating

Minor leaking during heat-up phase is due to hot-melt expanding in the nozzle/heating chamber. As soon as the working temperature is reached, the hot-melt will not leak any more.

Depending on the gun type the working temperature of approx. 200°C is reached after approx. 2 minutes. The temperature is electronically kept constant (TR-500/501).



**Warning:** Once the gun has warmed up the nozzle is extremely hot.

#### Loading of Glue

When using the glue gun for the first time, load glue stick through opening. You may use glue sticks that are 90 – 300 mm long.

The subsequently inserted sticks should be pre-melted at their front side, using the hot nozzle top. The added stick then sticks to the glue stick in the gun.

#### Application of the Hot-Melt

Press on the trigger several times to push the glue stick forward, thereby ensuring extremely precise dosing. Press the trigger down to its final position to interrupt the feed of glue sticks. Let the trigger loose and press it once more. When the feeding of glue sticks is stopped, the ball valve integrated in the nozzle will close, thus preventing liquid glue from leaking out.

When the glue is used up so that it stops flowing out when the hand trigger is pressed, insert a new glue stick.

#### Instructions for Application

Having worked with some glue sticks, the glue gun needs some time to reheat – this mainly applies to instruments with PTC heaters (TR 502). **Never use force to press trigger down!**

If the nozzle is clogged or too much glue is pressed out, hot-melt may flow off at the rear end of the inlet socket. Remove it when glue is lukewarm (approx. 40°C).

Do not use any sharp-edged or pointed objects. Never press in a glue stick when the glue in the gun is not completely melted. Pressing unmelted glue too hard makes a clot form at the inlet socket. This "clot" widens the inlet socket so that it can no longer work correctly and will break next time a glue stick is pressed in.

To save glue you are advised to switch off the gun for longer work interruptions. The glue not yet used when the instrument is unplugged will remain in the gun. It will be remelted and used when you start working again.

#### Nozzle Replacement

Only replace nozzles while the gun is warm (instrument temperature 60-80°C) and empty.

You are advised to wear a glove or use a thick rag.

**Warning: Unplug mains cable before you replace nozzles!**

Replacing cold nozzles may damage the gun. If the nozzle is replaced when it is too hot liquid adhesive may leak out. **Warning: Risk of burning!**

When your skin got into contact with hot glue, immediately cool it 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 and consult your doctor **at once**.

Swallowing of adhesive should not cause any problem. In case you feel sick, consult your doctor.

Do not direct glue jet towards people!

#### Check List

- Is the glue gun connected to 230 V?
- Do lamps signalling readiness for operation emit light (TR500/501)?

- Is the nozzle clean and free of any foreign matters?
- Has the heat-up time been observed?

#### While you are working ...

The glue gun always has to be deposited on its stand (unless the instrument is fitted to a balancer). Never lay gun on its side! The cable of the glue gun may be removed for short time, so as to enable spots that are hard to get at to be glued.

(TR 500/501/502 only)

#### Cleaning

If you observe the operating instructions the gun does normally not need cleaning. The glue remaining in the gun will remelt when the glue gun is warmed up and can be used for glueing again.

#### Trouble-Shooting

##### Problem:

No or too little glue comes off though the heat-up time has been exactly observed.

##### Possible causes:

- clogged nozzle
- temperature too low

##### Repair:

- unscrew nozzle, clean or exchange it
- check temperature
- re-adjust ball valve

##### Problem:

Glue leaks out of nozzle

##### Possible causes:

- clogged nozzle
- spring pressure of ball valve too low

##### Repair:

- unscrew nozzle, clean it carefully or replace it. Unscrew at operating temperature – wear a glove (risk of burning).
- re-adjust ball valve

##### Problem:

Glue is too fluid or too consistent

##### Possible causes:

- temperature too high or too low

##### Repair:

- check temperature



#### Safety instructions

Once the glue gun has warmed up, nozzle and cover are extremely hot.

Unplug connecting cable before you replace nozzles. When nozzles are replaced, liquid glue may leak out.

**Warning: Risk of burning!**

Never start working without having mounted a nozzle.

**Never** bring the hot nozzle into contact with the cable.

When your skin got into contact with hot glue, immediately cool it 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 and consult your doctor **at once**.

Do not direct glue jet towards people!

When the glue gun is connected to the mains, or still hot after being unplugged, it should be kept out of children's reach.

##### Problem:

No temperature

##### Possible causes:

- instrument switched off
- defective electronics

##### Repair:

- switch instrument on cable connection a) at the glue gun b) at the socket
- return instrument to REKA

**We do not undertake any guarantee, if repair is made by customer himself.**

## Reka Glue Guns TR 500/501/502/505 to work with Glue Sticks

#### Technical Data



# Operations Instructions

## TR 500 / 501 / 502 / 505 Glue Guns

	TR 500	TR 501	TR 502	TR 505
Connection	230 V	230 V	230 V	230 V
Heating capacity	125 W	125 W	60 W*(500W)	60 W*(500W)
Temperature control	electronic	electronic	PTC	PTC
Temperature control range	100-205°C**	---	---	---
Overheat protection	temp. controller	temp. controller	---	---
Glue throughput/hr. approx.	1.650 g***	1.650 g***	950 g***	950 g***
LED mains supply	yes	ja	---	---
LED heating	yes	ja	---	---
Glue stick diameter in mm	11-12	11-12	11-12	11-12
Weight	350 g	350 g	350 g	330 g
Magnetic fixture	yes	yes	yes	no
Removable cable	yes	yes	yes	no
Stand	yes	yes	yes	no

\* When gun is cold, power consumption is very high (temporarily up to 500 W)

\*\* Temperature continuously adjustable from 100-205°C; hence, the gun also can work with LowTemperature glue sticks.

\*\*\* Measured on the throughput during the first minute.

### EC CONFORMITY CERTIFICATE

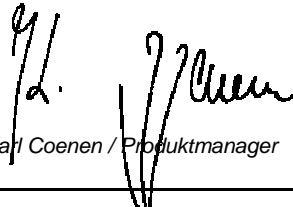
This is to certify that the design of **Glue Guns TR 500, 501, 502, 505** is in conformity with the regulations of EC Guidelines 73 / 23 / EEC 89 / 392 / EEC revised 91 / 368 EEC 89 / 336 EEC

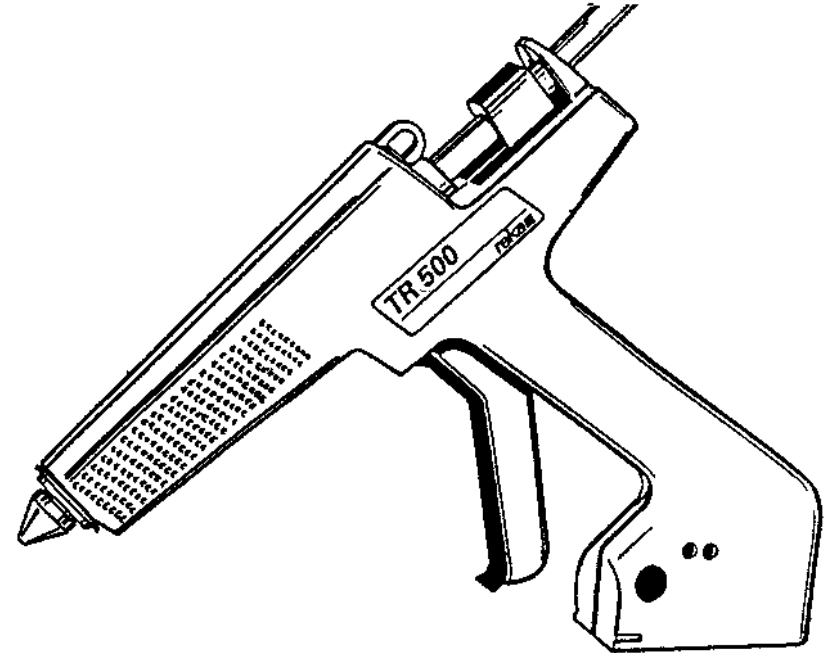
The following harmonized standards have been applied:  
EN 60335 EN 292 EN 60204 HD 400 EN 55014 EN 60555 EN 61000

There exists a complete technical documentation.

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

Eggenstein, den 1. Januar 1996

  
Karl Coenen / Produktmanager



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