

Operating Instructions for Reka Premelting Tank VSB 40 Premelting Tank



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Dear customer,

The premelting tank is an important supplement to your glue guns. It enables your glue guns to be applied even more economically. The premelting tank is capable of melting pressure-sensitive and hot-melt adhesives in the form of cushions, granulates, sticks and cubes. Before using the gun please read these instructions thoroughly.

Product Description

Proper Use

The VSB 40 premelting tank handles and melts hot adhesive. Therefore, the tank should only be used by qualified people. Handling the tank properly will save you unnecessary accident hazards and problems.

Personal injury or material damage caused by an improper use shall not be the manufacturer's but the user's responsibility.

Technical Data

Connection	230 V (110 V)
Heating power	800 W
Temperature regulation	thermostat
Temperature control range	approx. 20 – 150°C
Overheat protection	temperature controller
Max. melting temperature	approx. 150°C
Tank capacity	approx. 4 litres
Weight	11 kg
Adhesive discharge	hand-operated piston pump

Trouble-Shooting

Survey on Possible Fault Signals and Assistance in Trouble-Shooting

In case of damage, send premelting tank to Reka, indicating its type and serial number. 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 the VSB 40 tank though the heat-up time has been exactly observed	<ul style="list-style-type: none"> • defective piston ring • clogged outlet valve • temperature too low 	<ul style="list-style-type: none"> • replace piston ring • unscrew outlet valve, clean it 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 the outlet valve	<ul style="list-style-type: none"> • defective valve plate 	<ul style="list-style-type: none"> • replace valve plate
No temperature	<ul style="list-style-type: none"> • tank switched off • defective fuse • defective heater 	<ul style="list-style-type: none"> • check flip switch and, if necessary, set it to ON (is cable properly connected to socket?) • check fuse, replace it, if necessary • return tank to manufacturer

General Safety Instructions

User's Care and Diligence

The premelting tank 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 tank 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 Regulation 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.



Wear protective gloves!



Wear safety goggles.



To avoid risk of stumbling lay cable so that it does not cause any risk of stumbling.

Safety Measures in Case of Normal Operation

The instrument must only be used by authorized persons trained and instructed in its use. 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 the Premelting Tank

- * Never exceed operating temperature of the hot melt.
Overheating may lead to decomposition which may affect your health.
- * **Once the tank has warmed up, the outlet valve is extremely hot. Caution: Risk of burning!**
- * Never work without having mounted the outlet valve.
- * **When you skin got into contact with hot glue, immediately cool it down 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.**

Never work without protective gloves.

Never work without safety goggles.

Only operate the tank with solvent-free hot melts.

Never preheat solvents, dilutions or other material which, when being warmed up, tend to self-ignition, explosion or other dangerous reactions.

Fill the tank with nothing but clean hot-melt adhesives.

The heating temperature must never exceed 150°C.

Otherwise the adhesive may burn or coke and the entire premelting may get damaged.

Draw every operator's attention to the dangers involved with an improper use of the tank.

Instruct and train every operator of the VSB 40 tank in the functioning of the apparatus.

- Note:**
- Never work without having mounted the outlet valve
 - Never work without protective gloves
 - Do not overcharge the tank
 - To fill a glue gun always place it on the gun holder
 - Never work without safety goggles

Start-up and Operation



To avoid risk of stumbling:

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

Put the apparatus on the table provided for that purpose. The front side of the apparatus and the table edge must be in line.

- For this, mount enclosed gun holder (fig. 1).
- Always open the tank cover before you put a glue gun on the gun holder (fig. 2).
- The quantity to be applied is determined by the operation of the hand pump (no. 7).

Make supply connections and settings

- Connect cable to premelting tank (no. 1)
- Plug connector into socket with earthing contact.
- Set the flip switch (no. 2) ON to switch the apparatus on. The indicator lamps (nos. 3+4) will light up.

- green = mains connection

- red = heating

- Set operating temperature of the hot melt at the temperature adjusting knob (no. 5) (limit stop = approx. 150 °C). The set temperature will be indicated by the thermometer (no. 9).

Attention: The temperature regulation is not calibrated!
If an exact temperature is needed, it must be checked with a calibrated temperature sensor.

Attention: Once the tank has warmed up, the outlet valve (no. 8) is extremely hot!
Never work without wearing protective gloves!



Loading the Glue Gun with Hot Glue

- Open cover (no. 6) and load hot melt.
- Allow approx. 1 hour, depending on the type of glue, for the VSB 40 to melt the hot melt.
- The quantity to be applied is determined by the operation of the hand pump (no. 7).
- Once the hot melt has been discharged, put the hand pump in the right position (fig. 3)

Never work without having mounted the outlet valve (no. 8)!



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 in your eyes, immediately cool them under running water for about 15 minutes.
Consult your doctor at once!

Never work without having mounted the outlet valve!

Operation

The VSB 40 premelting tank 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.

Check List

- Is the apparatus connected to 230 (110) volts and the flip switch set to ON?
- Do the indicator lamps light?
- Is the tank clean and free of foreign matters?
- Is hot melt in the premelting tank?
- Is the outlet valve clean and free of foreign matters?
- Has the heat-up time been observed?

Note:

- **Never work without having mounted the outlet valve**
- **Never work without protective gloves**
- **Do not overcharge the tank**
- **To fill glue gun, always place it on the gun holder**
- **Never work without safety goggles**

Cleaning and Maintenance

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

If the VSB 40 premelting tank is used very often, it has to be maintained regularly. To set a date, please call our service department.

Disposal



Separate disposal of electric and electronic equipment.

Additional Information

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

Please contact us by

Phone ++49 0721 / 970 780

Fax ++49 0721 / 705 069

e-mail: info@reka-klebetchnik.de

Our mailing address is:

Reka Klebetchnik GmbH & Co. KG.

Siemensstr. 6

D - 76344 Eggenstein

Internet: www.reka-klebetchnik.de

EC-Conformity Certificate

Product: Premelting Tank

Types: VSB 40

This is to certify that the above applicators in the design marketed by us are in conformity with the following EC directives:

up to 15-01-2007:73/23/EEC, from 16-01-2007: 2006/95 EC
up to 19-07-2009: 91/368 EEC, from 20-09-2009: 2004/108 EC
up to 28-12-2009: 89/336 EEC, from 29-12-2009: 2006/42 EC
2002/95/EC

The following standards have been applied:

IEC CISPR14
IEC 60335
IEC 60204
IEC 61000

This declaration of conformity shall get invalid, if the product is modified, extended, or otherwise changed, and/or other component parts than accessories of Reka Klebetechnik are fitted, as well as if the product is connected or used improperly.

Eggenstein, September 1, 2009

Reka Klebetechnik GmbH & CO KG



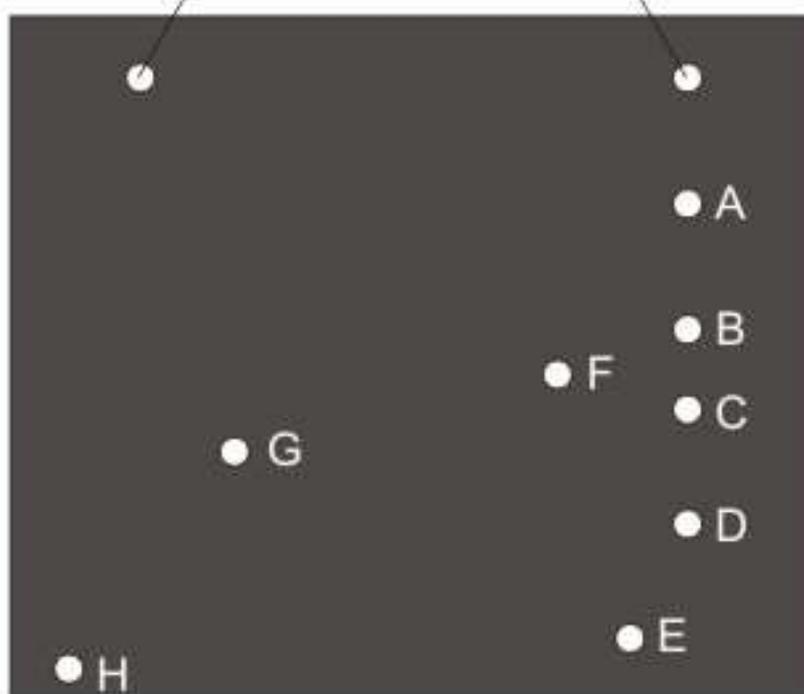
Christa Armbruster
Management Purchasing and Production

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Figure 1

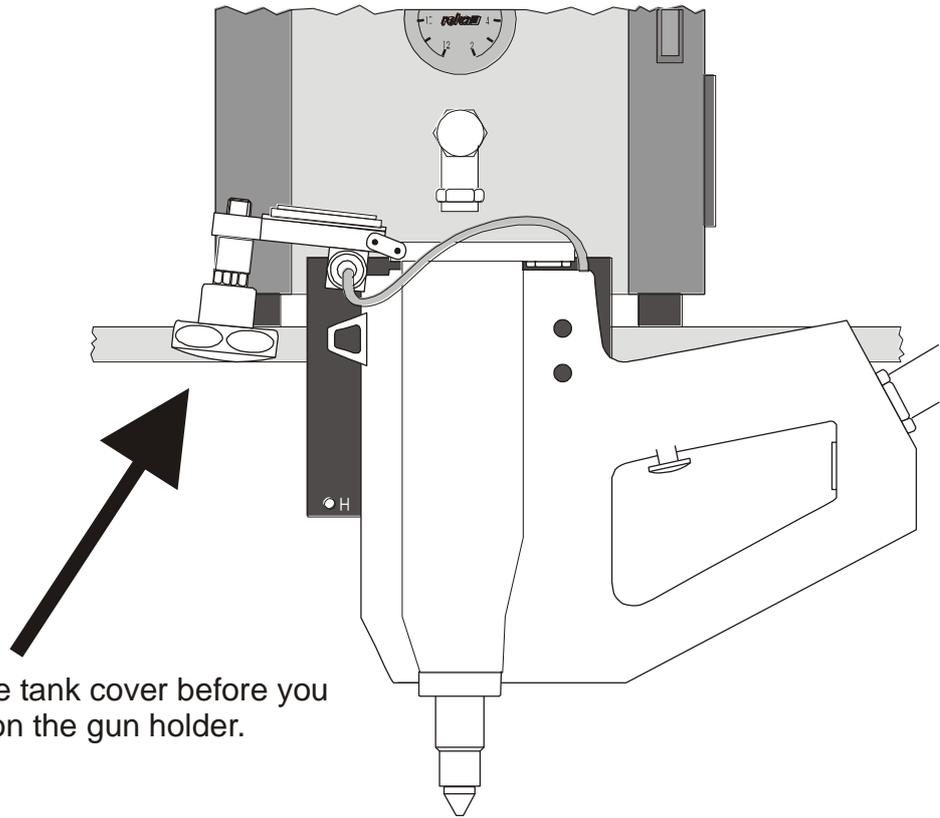
Points to fasten Glue Guns

Points to fasten Premelting Tank VSB



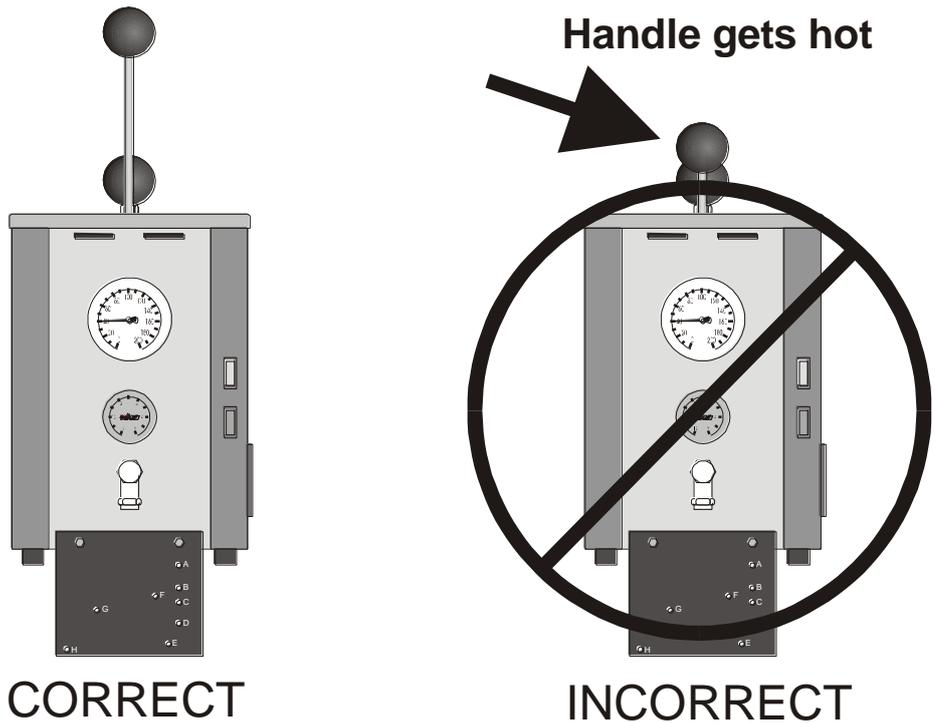
	TR 50.4 + 60	TR 55 LCD	MS 80	MS 200
A	x			x
B	x			x
C		x		
D		x		
E			x	
F				
G			x	
H				
A,B,C,D = Rod M5				
E,F,G,H = Rod M6				

Figure 2



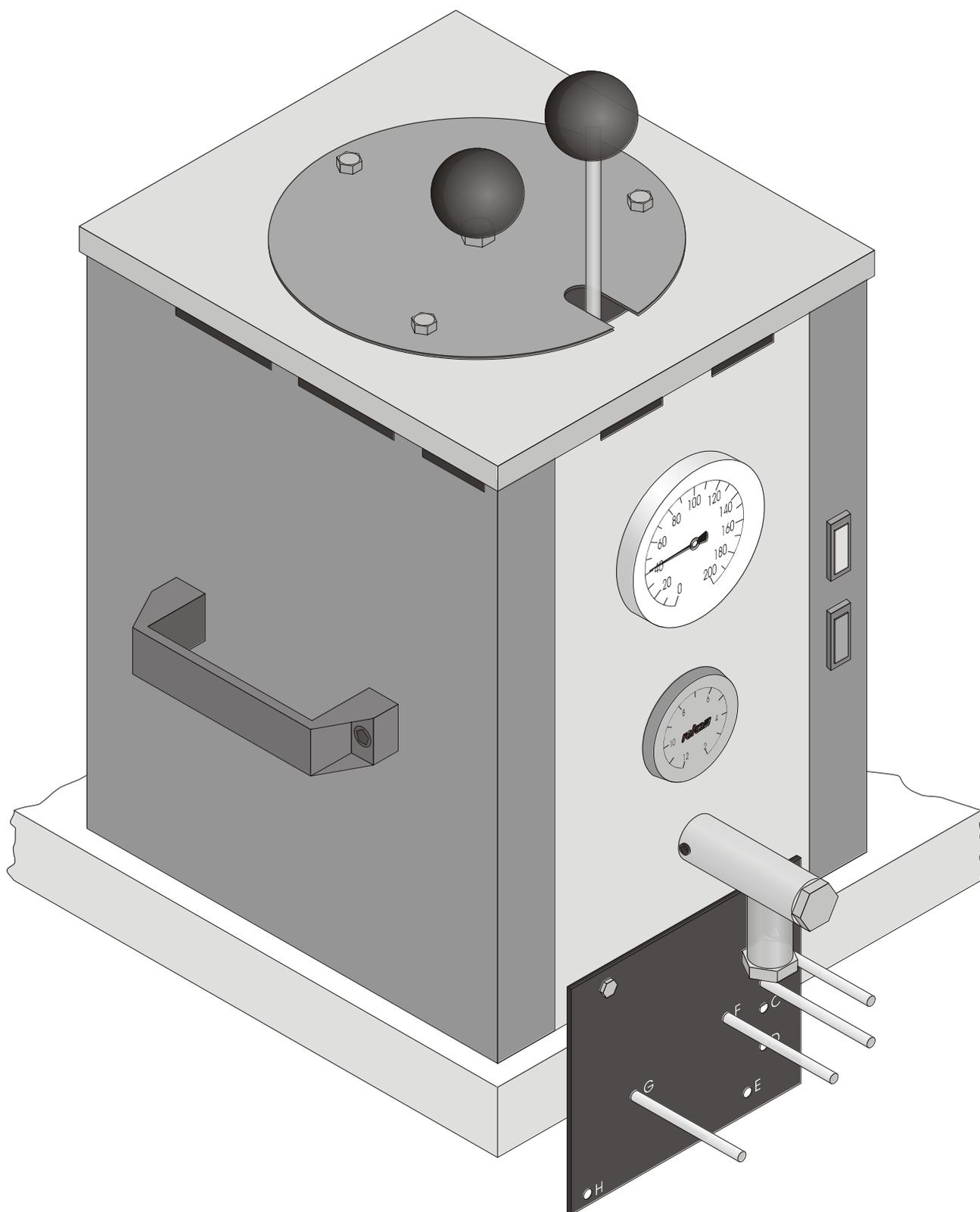
Always open the tank cover before you put a glue gun on the gun holder.

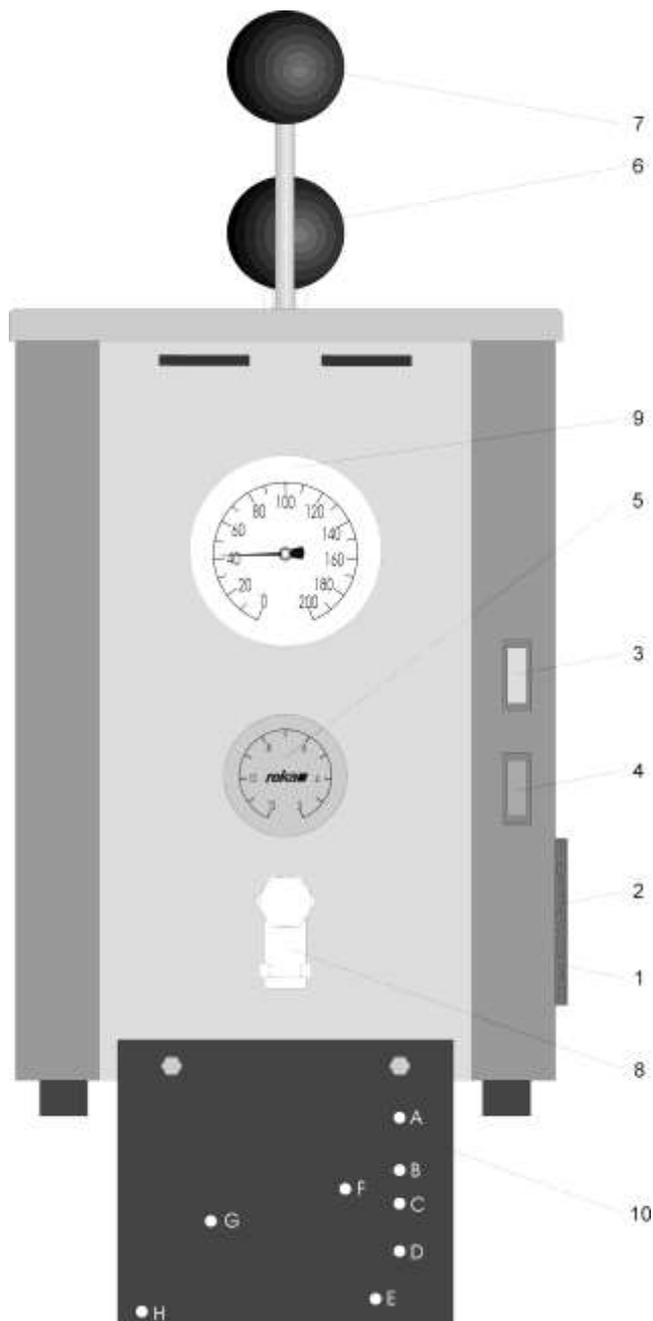
Figure 3



CORRECT

INCORRECT





Spare Parts for VSB 40 Premelting Tank – Article No. 5563/230 V

Item No.	No. of Article	Name of Article
1+2 =	10329	Plug Socket (incl. On/Off switch, Voltage selector + Fuse 4A)
3 =	10136	Signal lamp – green
4 =	10135	Signal lamp - yellow
5 =	3832	Bi controller
6 =	10096	Cover
7 =	Assembly	Hand pump
8 =	10325	Outlet valve
9 =	10126	Thermometer
10 =	10252	Gun holder