



SCHICK
Dentalgeräte

Georg Schick Dental GmbH
Lehenkreuz 12
D-88433 Schemmerhofen
Telefon 07356/9500-0
Telefax 07356/9500-95
Internet: <http://www.schick-dental.de>
E-mail: info@schick-dental.de

Operating Instructions SCHICK - Plaster model saw GS

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1. List of contents - accessories

Model saw GS complete	Art.-No: 1900
diamond sawblade	Art.-No: 1967/1
mains cable	Art.-No: 2160
Pin tool to change the sawblade	Art.-No: 1934
Hexagon socket wrench	Art.-No: W602000300

accessories:

Model holder, tilting	Art.-No: 2321
Spare diamond sawblade	Art.-No: 1967/1
Spare protection shield	Art.-No: 1929/1
Spare fuse 0,8 A 250 V delay action	Art.-No: 3105
Spare fuse 0,5 A 250 V delay action	Art.-No: 1932
Spare bulb for halogen lamp	Art.-No: 1948

2. Setting up / Operating the unit

The model saw is designed for use in dental laboratories to work with all usual needed materials.
Thanks to the sawblade being guided precisely, optimum, neat saw cuts can be made.

Due to the direct drive; 2 hand safety switch, integrated safety shield and motor with quick stop the model saw offers high safety in function and operation.

3. General Information - Caution !

- 3.1 Assembling of supplied sawblade
- 3.2 Assembling of supplied safety shield
- 3.3 Ascertain that your mains supply coincides with the data on the rating plate.
- 3.4 Ensure that all regulatory requirements are observed during use.

Caution!

- ascertain that the handled model is securely fixed on the model holder.
- Under no circumstances compressed air should be used to clean the model saw.
- Repairs and other technical procedures must only be carried out by suitable qualified personnel, authorized by SCHICK.
- SCHICK do not guarantee the model saw should it not have been used in accordance with the operating instructions.

4. Setting up / Operating the unit

4.1 Assembling of diamond sawblade

- loosen socket head cap screw **(1)** and detach mounting flange **(2)**
- place diamond sawblade centred onto the spindle.
- replace mounting flange **(2)** and tighten socket head cap screw **(1)**
(place supplied pin tool into the borehole of the mounting flange **(2)** and hold tight).

4.2 Assembling of safety shield

- Place the safety shield on top of the clamping sleeve lateral to the sawblade protection. At first tighten screws slightly, then place the shield into the correct slope and then tighten the screws by using the supplied hexagon socket wrench.

4.3 Place the hose of a dust suction (diameter 38 mm) onto the fitting at the rear of the model saw.

4.4 Ascertain, that your mains supply coincides with the data on the rating plate.

4.5 Plug the mains cable into the model saw and into a mains socket.

Operating the unit:

- Switch on mains switch **3**
- Switch on the halogen light by turning the ring switch **5**
- Place the model holder with fixed model onto the magnetic plate.
- Switch on the magnet by pushing switch **4**
- Whilst pressing push key **7** draw down the saw blade by using the hand lever - an integrated switch (2-hand safety device) is activated and your model can be treated.

5. Care and maintenance

Caution: Do not clean your model saw with compressed air.

Clean the unit once a while with a smooth cloth - no further maintenance is required.

6. Possible faults

Should the motor be overloaded or jammed, a safety fuse will be activated.

6.1 exchange of safety fuse

- pull out mains plug
- exchange of secondary fuse:
(5,0 A 250 V delay action - Art.-No: 1932)
Open fuse-housing (at the right side of the rear) and exchange fuse.
- exchange of primary fuse:
(2 x 0,8 A 250 V delay action - Art.-No: 3105)
Pull out drawer beneath the cable plug (at the rear) and exchange fuse.

6.2 exchange of the bulb assembled in the halogen lamp

- pull out mains plug
- turn ring 5 anticlockwise passing the 0-position till mark is reached and remove the cap.

Exchange the bulb and put cap on again.

7. Technical data

Dimensions: Width: 260 mm
 Height: 310 mm
 Depth: 260 mm

Weight: 11 kg

Speed: 6.500 rpm
Power supply AC 220 ... 240 V
Nominal frequency 50 / 60 Hz
Power input 60 W
Diamond saw blade Diameter: 85 mm
 width of saw cut: 0,3 mm
 depth of saw cut: 22,5 mm
Maximum lift - vertical 70 mm
Diameter of connection
for suction: 38 mm
Primary fuse 2 x 0,8 A 250 V delay action
Secondary fuse 1 x 5,0 A 250 V delay action

Manufacturer:



SCHICK

Dentalgeräte & Dentalinstrumente

Georg Schick Dental GmbH

Lehenkreuz 12

D-88433 Schemmerhofen

Telefon 07356/9500-0

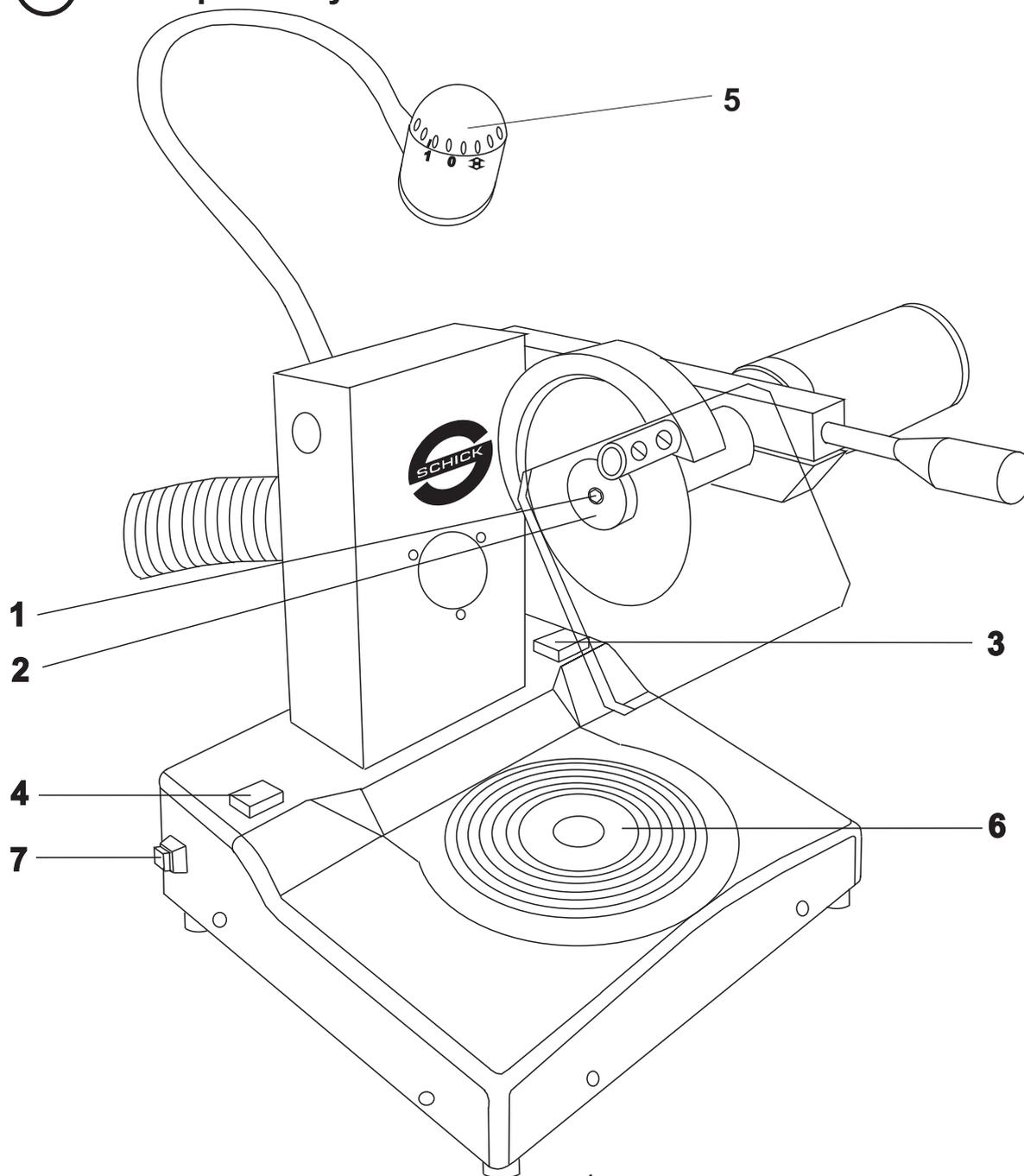
Telefax 07356/9500-95

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Plaster model saw GS

- ① socket head cap screw
- ② Flange
- ③ mains switch
- ④ switch for magnet
- ⑤ ring switch
- ⑥ magnetic plate
- ⑦ push key



Declaration of Conformity

We, **GEORG SCHICK DENTAL GMBH**
Lehenkreuz 12
88433 Schemmerhofen

declare herewith, that the product

Plaster model saw 1900

is in conformity with the following provisions of Directive:

92/59/EWG (allgemeine Produktsicherheit)
89/392/EWG (Maschinenrichtlinie)
73/23/EWG (Niederspannungsrichtlinie)
89/336/EWG (EMV-Richtlinie)

According to following standards:

EN 61010/1 (Elektrische Ausrüstung von Maschinen)
EN 55014 (Funkentstörung)
EN 55104 (Teil 1 - Störfestigkeit)
EN 292 (Sicherheit von Maschinen)
DIN/IEC 601/1 (Sicherheit von Maschinen)

Schemmerhofen, January 1997


W. Schick
Director