

THANK YOU FOR PURCHASING A GALLUNOPTIMAL SOLDERING IRON. Please read the operating instructions before operating and keep them in a safe place easily accessible to all users.

Before leaving the factory, the soldering iron is subjected to a test. This results in the soldering tip being covered with solder and may be slightly discolored. This does not represent a defect.

#### WARNING

Failure to observe the following instructions may result in serious injury or death to the user.

**If the device is switched on, the soldering tip automatically heats up to the last set temperature. There is a risk of burns on the metallic surfaces!**

The device is designed for soldering soft solder at different temperatures. Any other use is not permitted.

Do not touch the metallic parts on the tools during operation and immediately after switching off, CAUTION! Risk of burns!

Do not use the device in the vicinity of flammable substances and components.

Use a heat-resistant work surface and keep your workplace clean.

Solders, fluxes and heated materials can develop harmful properties and should be exhausted in a controlled manner. Do not inhale these toxic fumes or gases and provide adequate ventilation.

The device may only be used in dry rooms. Protect the device from liquids and moisture. Do not touch the device with wet hands. Otherwise, short circuits and electric shocks could be triggered.

Inform other persons in the working area that the temperature can be very high during operation. Switch off the device as soon as the work is finished to avoid danger.

Do not leave the device unattended while it is switched on.

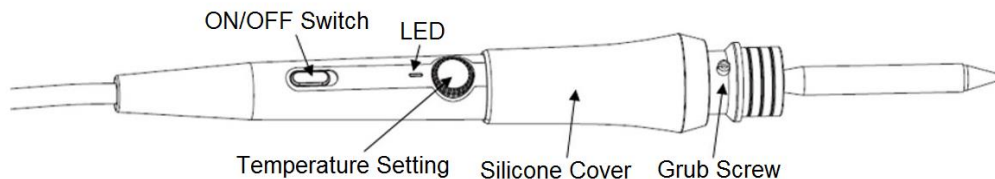
After switching off, wait until the heated parts have reached room temperature if you want to touch or change parts on them.

#### Features:

- Soldering iron with precise temperature control
- Rapid cartridge soldering tip system
- Ergonomic handle
- Temperature adjustable via rotary control on the soldering iron
- Calibration function

#### Technical Data:

- Input Voltage 230VAC
- Power 80W
- Temp. range 200-500°C
- Temp. stability +/- 2°C
- Temp. unit °C
- Impedance tip-ground <0,1 Ω
- Voltage tip-to-ground <2mV
- Connection cable 1,28m
- Weight 160g



#### Change the cartridge soldering tip: Important NOTE!

Switch off the device to change the cartridge soldering tip! Let the soldering tip cool down to room temperature to prevent burns! Push back the handle pad (silicone cover) on the soldering iron and loosen the grub screw for fixing the soldering tip. Use an optionally available silicone pad for optimum extraction and protection from any residual heat. Only original GALLUNOPTIMAL replacement cartridges for SPRINT80+ & 80D+ may be used and inserted into the handle! Then lightly tighten the screw again to secure the cartridge soldering tip! **Never change a soldering tip with the grub screw tightened, otherwise the cartridge tip may be damaged when pulled out!**

**Switch on:** Press the slide switch, the LED starts flashing very fast and signals the heating up to the setpoint. Slow flashing means that the SET temperature has been reached. If the LED does not light up, the soldering tip temperature is higher than the SET temperature.

**Calibrate the soldering tip temperature:** Clean the soldering tip and wet it with solder. An oxidized soldering tip can otherwise produce temperature measurement errors. Then set the temperature control knob to 350°C, wait until the temperature has stabilized and then measure the soldering tip temperature. Turn the screw labeled CAL in small increments until the measured temperature corresponds to the set value of 350°C +/-5°C. Give the heating element time to compensate between cooling down and reheating.

Error	Testing	Solution
No function after power on	Is the power cable plugged in correctly?	Disconnect and reconnect the power cord.
Soldering tip is sometimes not hot enough.	Is the soldering tip inserted correctly?	Check soldering tip for correct fit and insert accordingly.
Solder does not melt, despite correctly set temperature.	Measure the temperature at the soldering tip.	Calibrate soldering tip temperature or replace cartridge soldering tip

**EU Declaration of Conformity according to Low Voltage Directive 2014/35/EU (No. 01-20)**

The manufacturer / distributor

Bräunlich GmbH  
 Am Heideberg 26  
 06886 Lutherstadt Wittenberg

hereby declares that the following product

Product name: **GALLUNOPTIMAL** Soldering Iron  
 Trade name: **GALLUNOPTIMAL SPRINT80**  
 Model name: GOSPRINT80+

complies with the provisions of the Low Voltage Directive 2014/35/EU - including its amendments in force at the time of the declaration.

The following harmonized standards have been applied:

"DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the harmonization of the laws of the Member States relating to electromagnetic compatibility".

The following national or international standards (or parts/clauses thereof) and specifications have been applied:

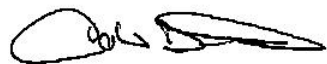
EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019

EN 60335-2-45:2002 + A1:2008 + A2:2012

EN 62233:2008


Location: Lutherstadt Wittenberg

Date: 30.8.2022



(Signature)  
 Tobias Bräunlich, CEO



Correct disposal of this product	
	<p>The crossed-out wheeled garbage can indicates that this product must not be disposed of with other waste in the household waste throughout the EU. To avoid harm to the environment or damage to health, recycle the product responsibly to promote the sustainable reuse of material resources. For an environmentally sound disposal of your old device, please use the return and collection systems. For more information, please contact your city or local authority. Or contact the dealer from whom you purchased the product.</p>