

## **Instruction manual**

Cooling device for mugs

# **SCHULZE Mug Cooler Mini Station**

# **1. Introduction**

## **1.1 Content**

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## 1.2 Warning pictograms on the machine

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### **ATTENTION! MOVING ELEMENTS**

ACHTUNG! BEWEGLICHE TEILE  
UWAGA! RUCHOME ELEMENTY



### **ATTENTION! HAND CRUSH HAZARD**

ACHTUNG! QUETSCHGEFAHR DER HAND  
UWAGA! NIEBEZPIECZEŃSTWO  
ZGNIECENIA DŁONI



### **ATTENTION! DANGER**

ACHTUNG! GEFAHR  
UWAGA! NIEBEZPIECZEŃSTWO



### **ATTENTION! HIGH VOLTAGE**

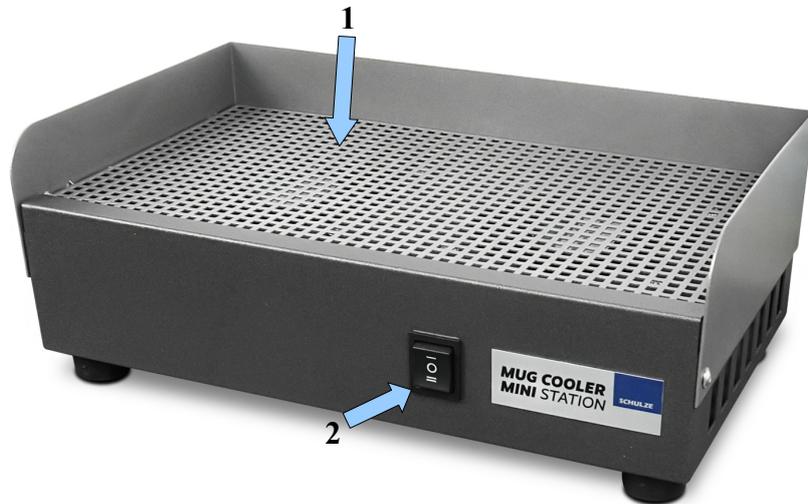
ACHTUNG! HOCHSPANNUNG  
UWAGA! WYSOKIE NAPIĘCIE



### **ATTENTION! HOT SURFACE**

ACHTUNG! HEIßE OBERFLÄCHE  
UWAGA! GORĄCA POWIERZCHNIA

### 1.3 Illustration of the machine



1. Fan
2. Main switch

### 1.4 Technical data

Technical data	SCHULZE Mug Cooler Mini Station
Dimensions	36 x 22 x 14 cm
Weight	4 kg
Power supply voltage	230 VAC
Fan	2 pcs.
Noise	The machine generates noise less than 70 dB (A)

### 1.5 Safety arrangements at the workspace

#### Set-up and installation

Set-up and installation of the device has to be done under supervision of an authorized person by the company owner. The machine should be situated on the flat, non-inflammable surface, in a room with constant temperature and constant moisture. Keep the machine away from dusty rooms, because the dust could have a negative influence on some parts of the machine. Very important! The machine may be connected only to an installation provided with a protection against electric shock. The machine is destined for industrial use only.

#### Testing the machine

After the correct installation of the machine it is important to ensure that it works properly, isn't damaged after the transportation and has no safety defects. The testing can only be done by the employer or other authorized persons. It is mandatory to guarantee a correct installation and safe usage of the machine. After receiving the machine, check the packaging. The testing should be protocolled. If any irregularities regarding functionality or safety are found during the testing, these should be noted and reported to manufacturer or distributor in written form within 7 days. Until the clarification the machine can not be used.

#### Information and education

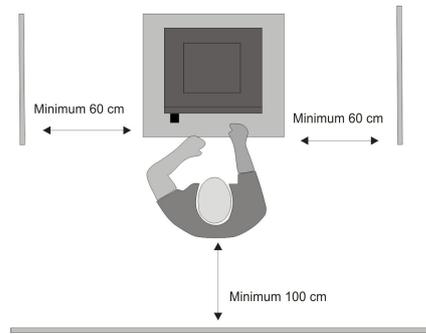
According to §81 the industrial law and § 14 employment protection law (german law), the advice from the producer and general safety arrangements at the workplace, the employer has to make arrangements to give all information about the safety, function and the range of application to the user. In particular the user needs to be acquainted with the complete manual and be explicitly informed of the dangers of working with the machine. The details have to be explained in a coherent form and language. Every user is obligated to a safe usage of the machine and to read the manual instruction before start working with the machine. Using the machine means, that the operator has read the instruction and is aware of the possible risks of working with the machine.

#### Safety arrangements

In order to ensure optimized safety, please read the manual instruction precisely. Only one person is allowed to work on the machine at the time. The machine has to be under supervision the whole time, when it is working. Supervise the machine till it is switched off and the plug is pulled out. There should be no unauthorized persons near the machine while it's working. Beware of hot mugs - danger of burns. Use personal protective equipment (protective gloves). The surface on which the machine stands must be heat resistant to exclude the risk of fire. The machine has to be installed at a place with enough space around the machine. Do not install the machine in doors, floors or busy places. The space in front of the machine has to be wide enough. Nothing can disturb the operator at work. All wires should be placed in a safe way, to make sure they will not pose a threat for the person working at the machine or passing it. In case of damages of the wires or untypical signals from the machine, please disconnect the machine from the power supply, contact the service and do not work with the machine, till the problem is solved. All repairs should be performed after consulting the service. Do not remove machine covers while the machine is working. The power plug has to be pulled out of the power supply, while maintenance.

#### Correct position of the operator

The operator needs enough space and free distance to all switches and buttons to work with the machine



### Other risks and dangers

There are some elements on the machine, which can cause a danger. For reasons of workability, these elements cannot be eliminated. These elements are marked with special warning signs. The machine complies with the essential requirements laid down in regulation for machines. Above information has been worked out in accordance with the standards PN-EN 12100:2012. The machine is constantly upgraded in order to improve its safety. All comments regarding the contents of this manual can be addressed to the distributor or manufacturer

## 1.6 Environmental protection

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The packaging of the device must be disposed of in accordance with the applicable rules. Do not dispose of the equipment marked with an  together with your household waste. No longer needed machines may be returned to the manufacturer or disposed of in an environmentally friendly manner by means of appropriate disposal systems.

## 2. Initiation

### 2.1 Notes regarding transportation

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The SCHULZE Mug Cooler Mini Station is covered with a cardboard for transport. Right after receiving it should be checked, if the cardboard and the machine are in good condition without damages. It has to be done just after receiving the goods and in accompany of a responsible person. If the machine has to be sent somewhere else, it should be covered with the same cardboard and in the same way as when it was delivered.

### 2.2 Installation of the machine

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The machine is delivered in a cardboard box. After taking out and connecting the machine, it is ready for use. It does not require any additional assembly or fastening.

### 2.3 Power supply voltage

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The SCHULZE Mug Cooler Mini Station has to be connected to a voltage of 230 VAC / 50 Hz.  
The machine is equipped with a power plug. Make sure that the power outlet is in the right condition and that the grounding is connected to it. Caution: Please do not connect this machine to any other outlet (socket) than those equipped with ground-fault protection ELCB (earth leakage circuit breaker). In case of doubt ask your licensed electrician to check the wiring. Connecting the machine to a socket that is not earthed, or where the earthing does not work properly, is hazardous to health and dangerous for the machine. Any damages arising from an improper plugging invalidates the warranty.

## 2.4 Initiation of the machine

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Before switching on the SCHULZE Mug Cooler Mini Station for the first time, please check that your socket is in proper condition and that the protective cable is connected correctly. The machine is switched on with the rocker switch. Use the same button to select the cooling speed (photo). When you have finished working on the machine, the switch must be in position "0" and the plug must be pulled out from the socket.



## 2.5 Application range of the machine

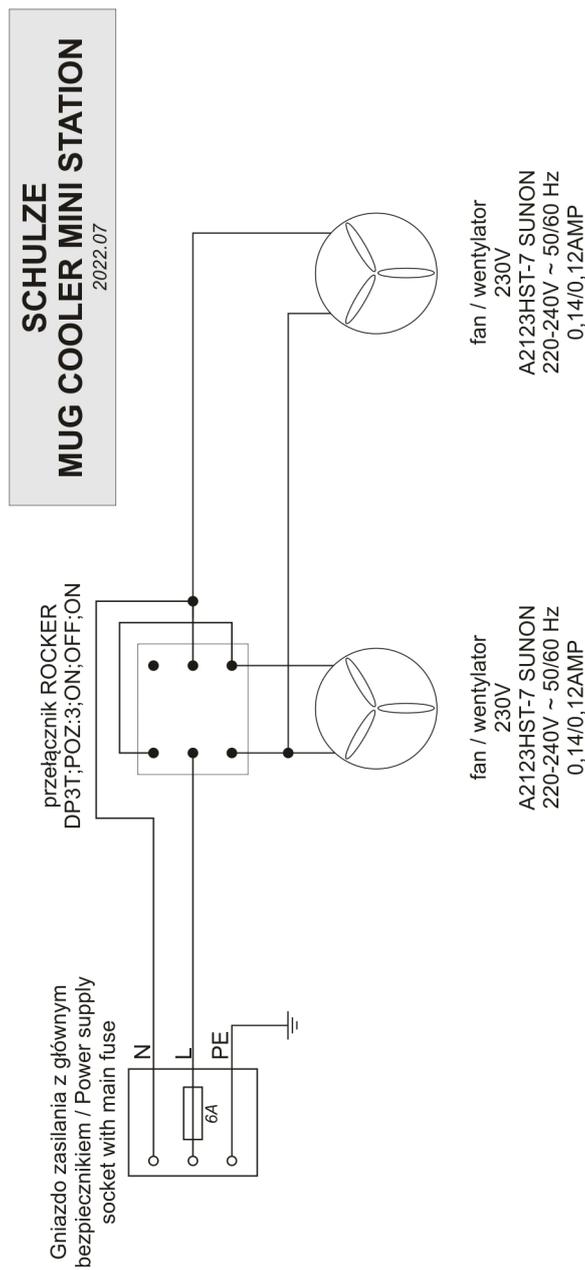
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This machine is used for cooling cups and mugs after sublimation. It is not intended for cooling cups filled with liquids. The cups should be placed upside down (photo).



### 3. Maintenance

#### 3.1 Wiring diagram



## 3.2 Warranty terms and conditions

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Schulze heat presses and other equipment are covered by a 24-month warranty for the correct operation of the machinery in accordance with its intended use and operating conditions.

The warranty covers: machine structure, mechanical components, electronics and housing.

Replacement parts such as the fuse, temperature sensor, buttons, fans and all springs and gas springs in presses and equipment are covered by a 6-month warranty.

Pneumatic cylinders and ionizers have a warranty for 12 months.

The PretreatMaker is covered by a 12-month warranty.

The heating element in the heating plates is covered by a 12-year warranty.

The specifications of the device with serial numbers can be found on the nameplate on the machine housing or, in case of the heating plate as well as the cup heater, on the cable.

The purchaser is obliged to nominate a person responsible for the operation and proper maintenance of the machine. The purchaser performs inspection, maintenance and cleaning of machines at his own costs. The warranty covers equipment with complete nameplates.

Warranty does not cover:

1. Components which have been damaged by external factors such as water, electrostatic discharge and others.
2. Components and parts which have been damaged as a result of using unsuitable consumables.
3. Damages caused by improper transport or use inconsistent not regarding with the operating conditions specified in this manual, caused by the fault or ignorance of the purchaser.
4. Usage , damage to consumables, i.e. teflon and heating elements in mug presses, conveyor belts silicone foams, air bags in membrane plates, lamp, glass, valves, nozzles, rubber gaskets, filter, rubber in Simple, Simple Plus mugbands, foam in HotMug mugbands.
5. Warranty rights do not include the purchaser's right to claim reimbursement of lost profits and costs incurred as a result of equipment failure.

### 3.3 Conformance declaration

#### Conformance declaration nr COOLERMINI/01/24/01

Manufacturer ROMANIK Andrzej Romanik ul. Przemysłowa 10 84 - 240 Reda, Poland hereby declares that the following machine:

SCHULZE Mug Cooler Mini Station

is compliant with the specifications of the followings EC directives:

Machinery (2006/42/EC)  
Low Voltage (2014/35/EU)  
EMC (2014/30/EU)  
RoHS II (2011/65/EU) and RoHS III (2015/863)



used norms and technical specifications:

PN-EN ISO 12100:2012  
PN-EN 60204-1:2018-12  
PN-EN 61000-6-1:2019-03  
PN-EN 61000-6-3:2008/A1:2012  
PN-EN ISO 13850:2016-03  
PN-EN IEC 6300:2019-01

Applied quality system: testing report / 2024

Reda, 19.01.2024 r.

A handwritten signature in blue ink, appearing to read 'Andrzej Romanik', is written over a faint, circular stamp.

Company owner:  
Andrzej Romanik

Manufacturer:  
Romanik Andrzej Romanik  
ul. Przemysłowa 10  
84-240 Reda  
**Polen**

Distributor and representative:  
Gröner-Schulze GmbH  
Sarirstraße 5  
12529 Schönefeld  
**Deutschland**  
**www.groener-schulze.com**

Entity authorized to prepare technical documentation and declaration of conformity: ROMANIK Andrzej Romanik ul. Przemysłowa 10, 84-240 Reda, tel. 58 6780-700, e-mail: sprzedaz@romanik.pl

The manufacturer reserves the right to make constructional and technological changes.