



HUMIMIC HeatSupport Quick Guide

1 Technical specifications & requirements

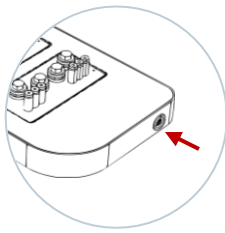


- 1 HUMIMIC HeatSupport
- 2 HUMIMIC Chip Compartment
- 3 Display
- 4 Power supply connection 24VDC

MANUFACTURER	TissUse GmbH	Oudenarder Str. 16 13347 Berlin, Germany
GENERAL	Model	HUMIMIC HeatSupport
	From serial number	68495
	Year of construction	2020
	Dimensions	253 mm x 113 mm x 19 mm
	Weight	642 g
OPERATING REQUIREMENTS	Input voltage	24 V = 0.75 A
	Use included power supply: Input voltage (power supply)	100–240 VAC, 50–60 Hz, 0.6 A
	Output voltage (power supply)	24 V = 0.75 A
ENVIRONMENTAL CONDITIONS	Ambient temperature	Room temperature
	Relative air humidity	No condensation
	Storage temperature	–10°C to +60°C
TECHNICAL PARAMETERS	Number of HUMIMIC Chips	Space for up to 4 HUMIMIC Chips
	Default temperature	37°C
	Temperature range set by HUMIMIC Starter*	Room temperature to 42°C
	Cleaning	Wipe disinfectable

* feature will be activated with a later HUMIMIC Starter update

2 Connecting the power supply to the HUMIMIC HeatSupport



Power supply connection 24VDC [4]



Connector



Power supply 24VDC with power supply plug



Power cord



Power supply socket

3 Operating with the HUMIMIC HeatingSupport



1 Turn on the **HUMIMIC HeatSupport** [1]. Current temperature value can be seen on the display [3]. Display is blinking as long as the target temperature is not reached!

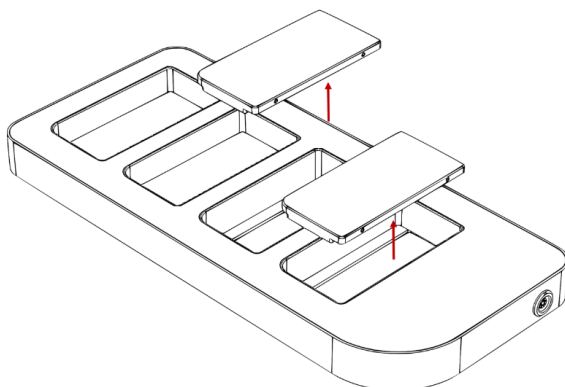


2 Insert the **HUMIMIC Chips** in the compartments [2] that you want to heat up to 37°C.



3 After use, simply unplug power supply, allow to cool down briefly, then the **HUMIMIC HeatSupport** can be put away.

4 Microscopy of Chips while heating with the HUMIMIC HeatSupport



- 1** Each compartment [2] has a removable insert, which can be easily detached by pressing from below.
- 2** Insert the **HUMIMIC Chips** back again in the compartments. Now you have a direct view on the fluidics and cell chambers of the Chips.
- 3** After the microscopy we recommend to put the inserts immediately back! The inserts distribute the temperature homogeneously over the functional surface of the **HUMIMIC Chips**.

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