



OPERATING MANUAL

for the heat press

SECABO TC1

Congratulations on the purchase of your Secabo heat press!

Please read this operating manual carefully to ensure a smooth production launch with your new device.

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Version 1.1 (29.07.2019)

Brief overview

Secabo TC1 Heat Press

With its TC1, Secabo offers the perfect heat press for taking first steps in the world of textile finishing and other transfer techniques. Thanks to its compact dimensions, the TC1 is also suitable as a mobile press in the area of merchandising for sports, bands and other events. The Secabo TC1 features a digital controller, which allows for pre-setting the transfer's time and temperature. An acoustic signal sounds after the set time has expired. The contact pressure can be set using a hand wheel on the upper side of the heat plate. The pressing process is initiated by closing the press lever. The large opening angle allows for comfortable preparation of the transfer objects on the base plate. The TC1 is equipped with a work surface of 15cm x 15cm and a heat plate with a power consumption of 700W.

- affordable heat press for beginners
- mobile press for on-site use at events and merchandising
- large opening angle
- digital controller for temperature, time
- high heat output

Safety Precautions

Please read the information and safety precautions carefully prior to first commissioning of the device!

- Never reach inside the heat press with your hands when it is connected to the power supply, especially if it is switched on and heated up – danger of burns!
- Never open the casing and do not make any modifications to the unit yourself.
- Should it be necessary to open the heat plate cover upon explicit request by Secabo's customer service team, it is recommended you wear respiratory protection and only touch the insulation wool located therein using gloves. Possible disposal of the insulation wool should only be done inside a closed bag.
- Ensure that neither liquids nor metal objects reach the inside of the heat press.
- Make sure you use a grounded wall socket. Keep in mind that a heat press may only be operated using a wall socket equipped with a ground fault circuit interrupter.
- Disconnect the heat press from the power supply when it's not in use.
- Always ensure that the heat press is out of reach of children during operation and never leave the device unsupervised when switched on.
- Make sure the unit is only used in dry rooms.

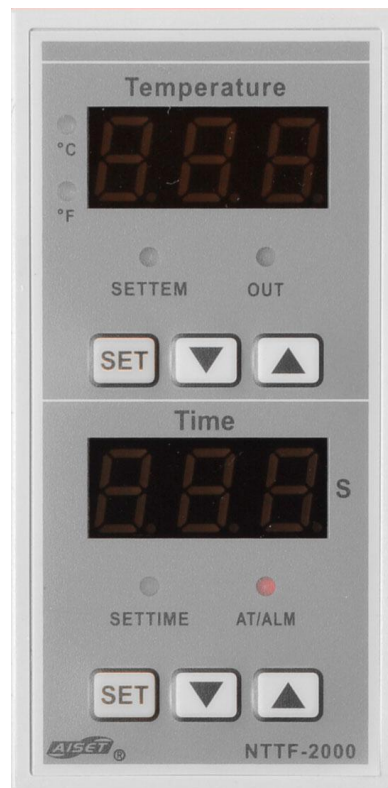
If you cannot comply with one or more of the aforementioned safety rules, or if you are unsure as to whether you're in compliance with all of the points, please contact our technical support.

Machine description



- a. Heat plate
- b. Press lever
- c. Digital controller for temperature, time
- d. Power plug and power switch
- e. Base plate

Controller



The central controller allows for setting the desired temperature (°C and °F), as well as the press duration in seconds.

Operation

- Use the the supplied power cord to connect the heat press to a 230V socket.
- The red toggle switch turns the press ON.
- Press the **SET** Button in the **Temperature** field to set the desired temperature using the arrow keys. Confirm the value by pressing the **SET** button again.
- Press the **SET** Button in the **Time** field to set the desired pressing time using the arrow keys. Confirm the value by pressing the **SET** button again.
- The press will now heat up to the set temperature.
- Now you're ready to perform your first transfers. The clock starts counting as soon as the press is closed with the press lever.
- 3 seconds before the set time runs out, a warning signal is sounded.
- After the time has elapsed, the press must be opened manually.
- You can adjust the contact pressure by turning the large hand screw at the top of the press to increase or decrease the distance the lever travels. Turning the knob clockwise decreases the contact pressure, while turning it counterclockwise increases it.
- No settings can be changed at the controller while a press operation is in progress.

Note: Please keep in mind that it takes some time for the press to cool off after it is switched off.

Maintenance and cleaning

All maintenance work must be carried out with the press switched off and cooled off, no exceptions! First, remove the plug from the wall socket. Only perform maintenance work after consultation with our technical support team.

The press should be cleaned regularly using a soft cloth and a mild household cleaner to remove adhesive residues, etc. Do not use scouring sponges, solvents or gasoline!

Recommended times and temperatures

These values should only be considered as guideline values, may vary depending on the material and must be checked before pressing.

Material	temperature	Pressure	Press duration
Flock film	170°C - 185°C	low-medium	25s
Flex film	160°C - 170°C	medium-high	25s
Sublimation flex	180°C - 195°C	medium-high	10s - 35s
Sublimation on mugs	200°C	medium-high	150s - 180s
Sublimation on tiles	200°C	high	120s - 480s (depends on the thickness of the material)
Sublimation on puzzles	200°C	low-medium	25s
Sublimation on mouse pads	200°C	medium	20s - 40s
Sublimation on garments	200°C	medium-high	30s - 50s
Sublimation on metal plates	200°C	high	10s - 50s (depends on the thickness of the material)

Important note: You should perform your own tests with the respective transfer materials and carrier media prior to each production. The aforementioned values, as well as any manufacturer specification merely serve as indications. Washing resistance and behavior during the transfer must be determined by performing your own tests.

No guarantee can be derived from the recommended values. It is always the user's responsibility to determine and apply the correct settings for his specific conditions.

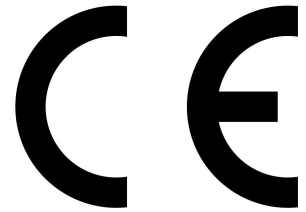
Note on garment finishing processes: After the press operation, garments must cool off before any carrier media can be pulled off the transfer material. The hot glue in the transfer material doesn't develop its adhesive strength until cooled off. If the glue does not stick in its cold state, this may indicate that the pressing procedure was too cold or too short.

Technical data

Heat press	SECABO TC1
Type	manual clam press
Working area size	15cm x 15cm
Max. temperature	255°C
Max. preset time	999s
Max. working pressure	500g/cm ²
Pressure setting	Height-adjustment of the heat plate via hand wheel
Power supply	230V / 50Hz - 60Hz, 700W
Environment	+ 5°C - +35°C / 30% - 70% relative humidity
Weight	11kg
Dimensions (W x H x D)	16cm x 30cm x 42cm

Declaration of conformity - Statement of Conformity

We hereby declare under our sole responsibility that the product referred to in "technical data" complies with the provisions of the following directives and standards:



We herewith declare under sole responsibility that the under „technical data“ mentioned product meet the provisions of the following EC Directives and Harmonized Standards:

- EG-Richtlinien / EC Directives:
- 2014/35 / FG Establishment Directive
- 2014/35/EC Low Voltage Directive
- 98/37/EC Directive on machinery (2006/42/EC from 12/29/2009)
- 98/37/EC Directive on machinery (from 2009-12-29: 2006/42/EC)

- Norm / Standard: EN 60204-1:2006

Technische Dokumente bei / Technical documents at:

Secabo GmbH, Hochstatt 6-8, 85283 Wolnzach, Germany

A handwritten signature in black ink, appearing to read 'Fabian Franke'.

Dipl. Ing. Fabian Franke

A handwritten signature in black ink, appearing to read 'Bernhard Schmidt'.

Dipl. Ing.(FH) Bernhard Schmidt