



**PROMA**Press

## *Instructions guide*

# *Manual evolutive heat press for plates, caps, mugs and other supports*

**PROMA**PLATE

AC-3023ME



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## APPLICATIONS

This press was specially designed for the printing on different supports: plates of different sizes, ceramics, mouse pads, pennants, patches, etc., as well as on caps and mugs.





## SUMMARY

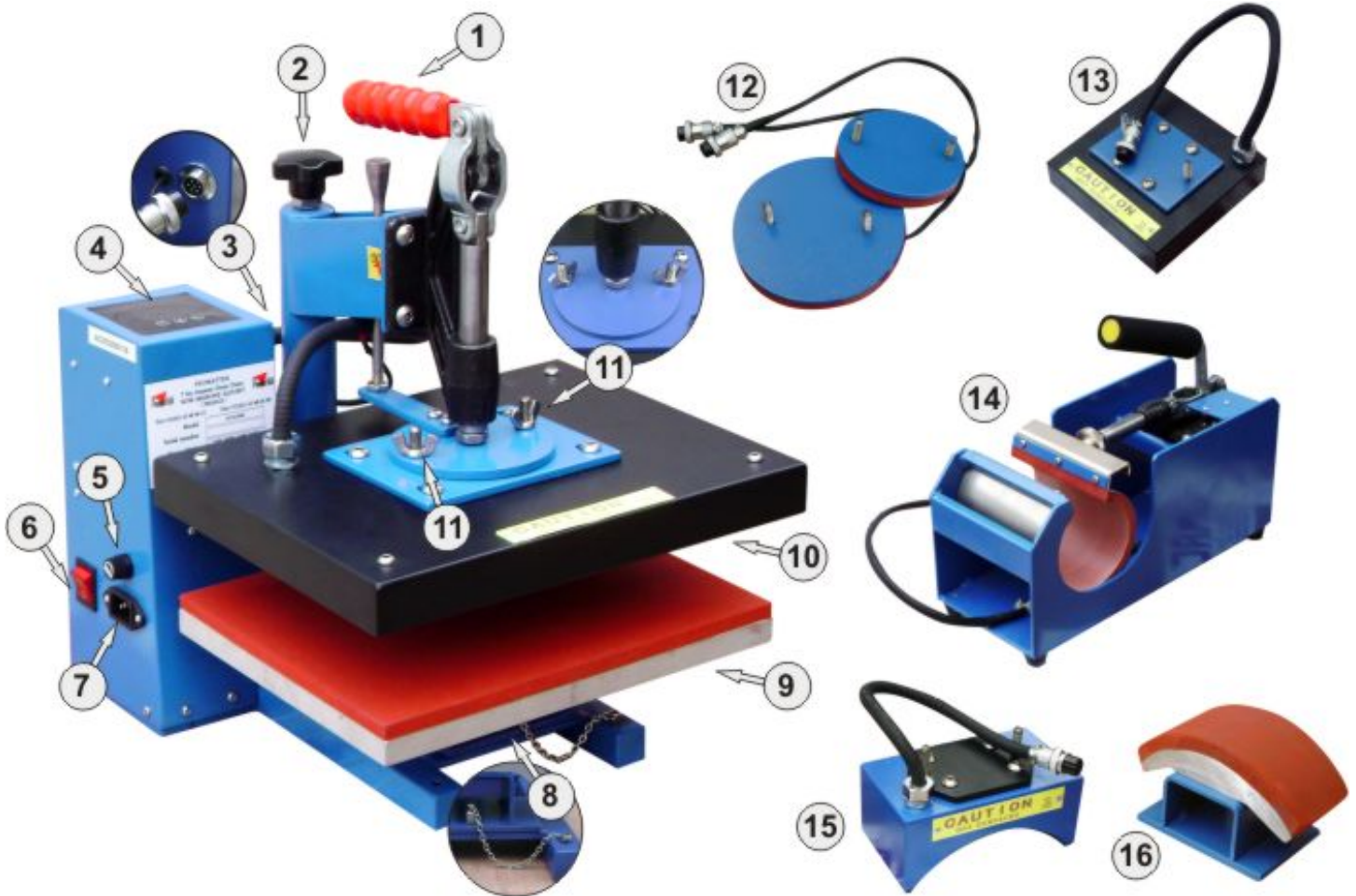
Applications	2
Technical specifications	4
Designation of the main components	5
Control panel	7
Mode 1 & mode 2	8
Working in mode 1	9
Working in mode 2	10
Instructions guide	12
Accessory for caps	14
Accessory for patches	15
Accessory for plates	16
Accessory for mugs	17
Accessory plate 30 x 23 cm	18
Caution	18
Security	19
Maintenance	19
Guarantee conditions	19
Quality certificate	21
Packing list	21

## TECHNICAL SPECIFICATIONS

<b>AC-3023ME PRESS</b>	
Weight (Net)	14 Kg
Height	280 mm
Depth	380 mm
Width	310 mm
Dimensions of the plate - Big size plate - Small size plate - Big size accessory for plates - Small size accessory for plates	300 x 230 mm 155 x 155 mm Ø155 mm Ø115 mm
Electric power supply	220 V + Ground
Power	900 W
Amperage	5 A
<b>Electronic temperature regulator with LCD display</b>	
Temperature range	From 0 to 230°C
<b>Electronic Timer</b>	
Time range	From 0 to 999 Sec



## DESIGNATION OF THE MAIN COMPONENTS



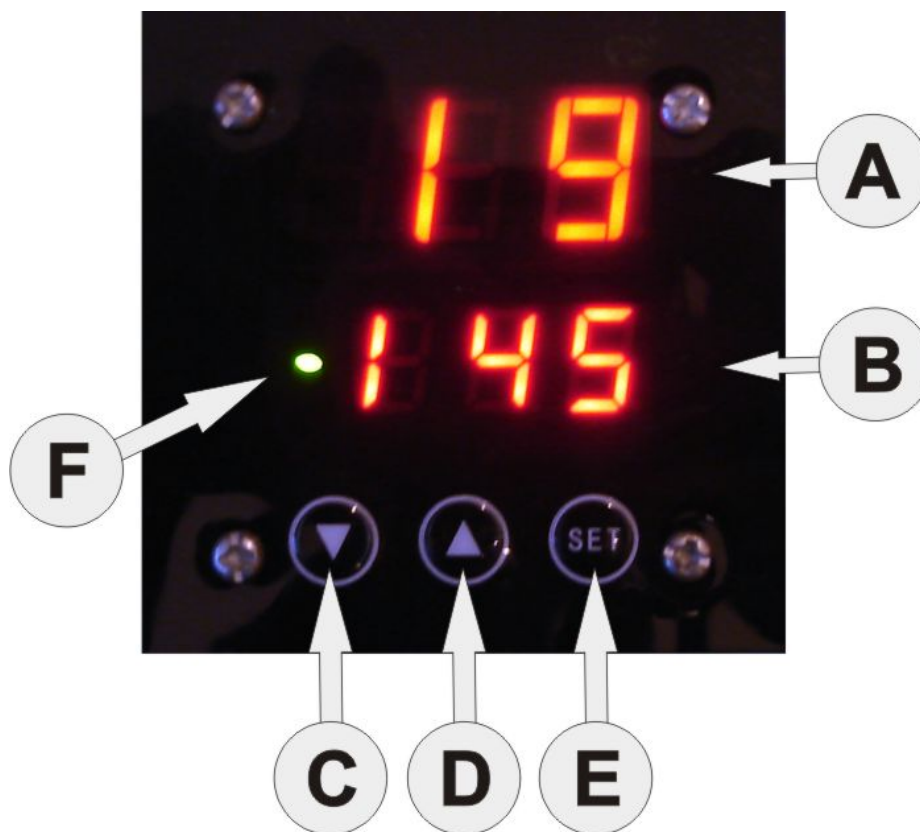
1. Closure handle
2. Pressure adjusting screw
3. Connection with heating plate
4. Control panel
5. Fuse holder
6. On / Off switch
7. Power supply connection
8. Plate fixation pin
9. Removable lower plate
10. Removable upper plate (30 x 23 cm)



11. Plate fixation screws
12. Accessory for plates (Ø 11,5 & 15,5 cm)\*
13. Accessory for patches (15 x 15 cm)
14. Accessory for mugs\*
15. Upper accessory for caps
16. Lower accessory for caps

*\***Attention** : the above accessories should be used in mode 2 (please see page 10)*

## CONTROL PANEL



- A. Actual time indicator\*
- B. Programmed temperature indicator\*
- C. Button –
- D. Button +
- E. Button « SET »
- F. Heating indicator

\* The data on display are different when you program the temperature and the time of laying, please see page 12 for more details.



## MODE 1 & MODE 2

Electronic board of the heat press AC-3023ME has 2 operation modes, each one appropriate for the accessory in use:

### Mode 1

Standard heating system with set up of time and temperature of transfer works with the following accessories :

- *Removable upper plate 30 x 23 cm (10)*
- *Accessory for patches 15 x 15 cm (13)*
  - *Accessory for caps (15)*

### Mode 2

Special heating system with set up of time, stand by temperature (press in open position) and of heat transfer temperature (press in closed position) works with the following accessories :

- *Accessory for plates ( $\varnothing$  11,5 & 15,5 cm) (12)*
  - *Accessory for mugs (14)*



## WORKING IN MODE 1

A. Switch off your press.

B. Push simultaneously the Button - (C) and the Button SET (E). Keep on pushing on the above buttons and switch on your press (6). While the display shows « 1 », release these two buttons. Your press is in mode 1:



C. Follow the instructions guide on page 12 in order to adjust the temperature and time of transfer.

**ATTENTION : do not use this mode for the following accessories:**

- *Accessory for plates (∅ 11,5 & 15,5 cm) (12)*
- *Accessory for mugs (14)*

## WORKING IN MODE 2

**A.** Switch off your press.

**B.** Push simultaneously the Button + (D) and the Button SET (E). Keep on pushing on the above buttons and switch on your press (6). While the display shows « 2 », release these two buttons. Your press is in mode 2:



**C.** Follow the instructions guide on page 12 in order to adjust the temperature and time of transfer.

**In mode 2, the set up of laying conditions should be done in 2 steps:**

**1. Open press:** while the press (or the accessory for mugs) is open, you can set up the stand by temperature.

**Please do not exceed 90°C for this set up!**

In order to set up the stand by temperature, please open the press (or an accessory for mugs) and follow the instructions of the page 12. The set up of the temperature will correspond to the stand by one (constant temperature in open position of your press).

**2. Closed press:** While the press (or accessory for mugs) is closed, you can set up the temperature of the heat transfer. This temperature depends on type of heat transfer operation you may need. In order to set up the temperature of heat transfer, please close the press (or accessory for mugs) and follow the instructions on the page 12. The set up of the temperature will correspond to the one of the heat transfer operation itself.

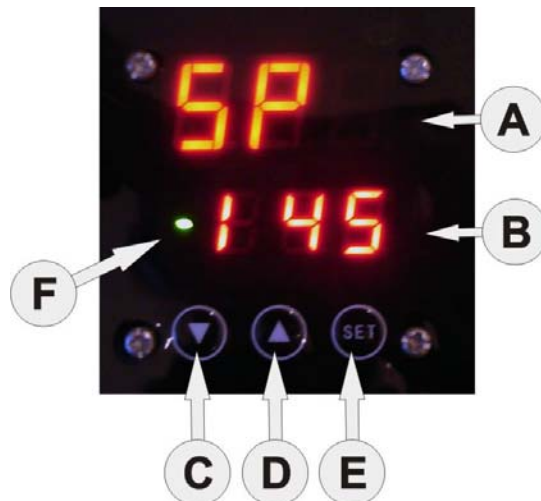


While the press (or accessory for mugs) is closed, the temperature increases constantly, from the stand by (constant) temperature to the temperature of the heat transfer. When the temperature of the heat transfer is finally reached, the countdown starts.

Please do not exceed 160°C (accessory for mugs) or 180°C (accessory for plates) for this setting.

## INSTRUCTIONS GUIDE

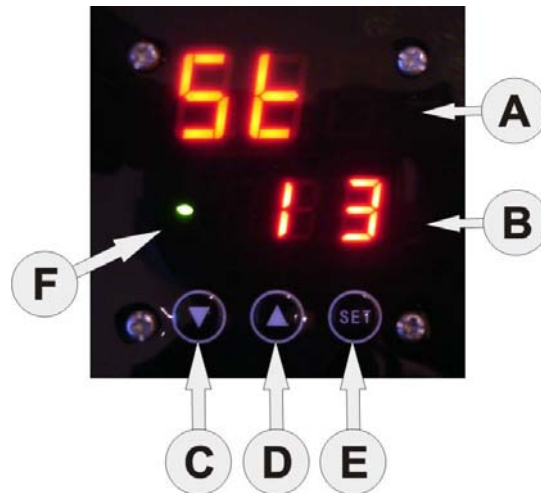
- A.** The press must be set on a stable and flat area.
- B.** Check the voltage (the voltage reference is 220V/50Hz) and connect the press (7).
- C.** Switch on the press (6). The buzzer rings, the screen turns on (4).
- D.** Adjust the pressure thanks to the adjusting screw (2).
- E.** The screen displays the current temperature (A) and the programmed temperature (B).
- F.** In order to set up the heat transfer temperature, please push once the button « SET » (E). The screen displays « SP » (A) on the first line and the value on the second one (B) (please see here below). This value corresponds to the programmed temperature. Push the button «-» for a long time (C) or the button « + » for a long time as well (D) in order to decrease or to increase the value.  
*(In mode 2, the setting of temperature will be considered as a stand by (constant) temperature if the press is open and as temperature of heat transfer if your press is closed).*



- G.** In order to adjust the time of the heat transfer operation, please push “SET” button (E) for the second time. The screen displays « St » (A) on the first line and a number on the second one (B) – (please see here below). This number represents the programmed time of the heat transfer. Push for a long time on the buttons “-“ (C) and “+“ (D) in order to decrease or increase

this value.

*(In mode 2, the set up of heat transfer time can be done both in open or closed press position, without any difference).*



H. Please push again the button « SET » (E) in order to come back to the standard display:

- the current temperature on the first line (A)
- the programmed temperature on the second line (B)

I. The heating indicator (F) is on till your press does not reach the programmed temperature. When your press reaches the programmed temperature, please place your product and the transfer material\* on the lower plate (9), close down the closure handle (1) and proceed the heat transfer operation. *(While you use the accessory for mugs, just lower the handle of the accessory in order to launch the timer without worrying about the press handle. Because of the initial temperature of the mug, it may be possible that the displayed temperature goes down before increasing).*

J. The screen will automatically display the countdown and will launch the buzzer to inform you that the time is run out: you can open now the closure handle (1) to stop the ringing. *(In mode 2, the countdown starts only when the temperature of the heat transfer is reached).*

K. Your heat transfer is finished.

***\*Please refer to the appropriate instructions guides in order to determine the laying conditions (time, temperature, pressure, weeding, etc.).***

## ACCESSORY FOR CAPS

### PLEASE SWITCH YOUR PRESS IN MODE 1

The accessories for caps should be installed in two steps:

#### 1. The upper heating plate:

- Switch off the press, disconnect it and disconnect the connection with heating plate (3)
- Lower the currently installed heating plate
- Remove the plate fixation screws (11)
- Open the closure handle (1)
- Remove the previous plate and put on the upper heating plate of the accessory for caps (15)
- Lower the handle and watch carefully for the right alignment of the platen according to the fixation holes.
- Fix the plate with plate fixation screws (11) and raise the handle.
- Switch on the connection with heating plate of the press (3)

#### 2. The lower heating plate:

- Remove the plate fixation pin (8) under the press
- Remove the currently installed lower plate
- Put on the lower plate for caps (16)
- Fix back the plate fixation pin.





## ACCESSORY FOR PATCHES



### PLEASE SWITCH YOUR PRESS IN MODE 1

Fixation of the heating plate for patches should be done accordingly:

- Switch off the press, disconnect it and disconnect the connection with heating plate (3)
- Lower the currently installed heating plate
- Remove the plate fixation screws (11)
- Open the closure handle (1)
- Remove the previous plate and put on the heating plate for patches (13)
- Lower the handle and watch carefully for the right alignment of the platen according to the fixation holes.
- Fix the plate with plate fixation screws (11) and raise the handle.
- Switch on the connection with heating plate of the press (3)



## ACCESSORY FOR PLATES

### PLEASE SWITCH YOUR PRESS IN MODE 2

Fixation of the heating plate for plates should be done accordingly:

- Switch off the press, disconnect it and disconnect the connection with heating plate (3)
- Lower the currently installed heating plate
- Remove the plate fixation screws (11)
- Open the closure handle (1)
- Remove the previous plate and put on the heating plate for plates (12)
- Lower the handle and watch carefully for the right alignment of the platen according to the fixation holes.
- Fix the plate with plate fixation screws (11) and raise the handle.
- Switch on the connection with heating plate of the press (3)
- **ATTENTION** : the accessories for plates and for mugs should not be maintained in heating position if they are not currently used, otherwise it may cause their premature damage. Please do not exceed 90°C (stand by temperature) and 180°C (heat transfer temperature) for these accessories!





## ACCESSORY FOR MUGS



### PLEASE SWITCH YOUR PRESS IN MODE 2

Assembly of the accessory for mugs should be done accordingly:

- Switch off the press, disconnect it and disconnect the connection with heating plate (3)
- Switch on the connection with the accessory for mugs

**ATTENTION** : the accessories for plates and for mugs should not be maintained in heating position if they are not currently used, otherwise it may cause their premature damage. Please do not exceed 90°C (stand by temperature) and 180°C (heat transfer temperature) for these accessories!



Please do not put any unprotected object which has been already marked by heat transfer into this accessory while it is hot, otherwise it may damage its resistance.

While the accessory for mugs is connected to the press, the heating plate installed on the press

does not heat. The timer can be launched by the closure handle of the accessory for mugs.





## ACCESSORY PLATE 30 x 23 cm

### PLEASE SWITCH YOUR PRESS IN MODE 1

The heating upper plate and the original lower plate (30 x 23 cm) can be installed the same way as other accessories. You can refer to the instruction guide for installation of the accessory for caps (page 14) for more details.

## CAUTION

- a. The machine must be handled carefully.
- b. Temperature level is very high, be careful with skin burns.
- c. Pressure of the machine can be adjusted thanks to the closure handle. Pressure has been set from the factory and should not be changed while media is transferred.
- d. Turn off the machine while it is not in use.
- e. The accessories for plates and for mugs should not be maintained in heating position if they are not currently used, otherwise it may cause their premature damage.
- f. You should always use MODE 2 for the accessories for plates and mugs in order to avoid their premature damages.
- g. Please do not put any unprotected object which has been already marked by heat transfer into the accessory for mugs while it is hot, otherwise it may damage its resistance.
- h. Never disconnect the connection with the heating plate (3) while your press is on (in operation).



## SECURITY

This press was conceived to make small scale productions according to respecting the Law Number L233-5 from the labour legislation in order to guarantee the user's safety.

This press was designed for use by the operator upfront of it.

**Any maintenance operation must be done with the press off and unplugged (Power).**

## MAINTENANCE

### EVERY DAY :

Clean the upper plate with a dry rag.

### According to the use :

Change the silicone rubber when it is damaged.

Grease steadily the parts which are subject to frictions (please consult us beforehand).

## GUARANTEE CONDITIONS

- Guarantee period starts from the day of the machine's delivery to the end user for 1 year for all the mechanic parts including resistances.
- Guarantee is strictly limited to our material and against material and executive defects. The buyer is responsible for proving the appointed defects.
- Our responsibility is limited to the obligation to rectify or replace the recognized and defective parts free of charge without the possibility for the end user to claim any compensation for any reason what so ever.
- The replaced parts that are part of the guarantee :
  - Stay our property
  - Are subjected to a deposit invoice

A cancelled credit note is issued as soon as the defected parts come back to us.



The deficient parts return should be done ONE MONTH MAXIMUM after the intervention.

**GUARANTEE DO NOT COVER :**

- Perishable materials such as :  
Fuses, lights, transformers, joints, flexible shafts...
- Perishable materials are not our own manufacturing therefore they are under their manufacturer's guarantee.

**THE GUARANTEE DOES NOT APPLY :**

- For replacements neither for repairs which would be the results of normal wear and tear from apparels and machines, deteriorations or accidents caused by negligence, supervision or lack of maintenance or caused by any modifications without our written permission.
- In case of flaw from materials provided by the buyer, neither a conception imposed by the same.
- For repairs which would be the results of deteriorations or accidents from the freight.
- For maintenance operations and adjustments inherent to the machine's use and advisable in the maintenance instructions such as :
  - Intermediate adjustments, pipes tightness etc... (do not apply in the guarantee conditions).



## QUALITY CERTIFICATE

**PRODUCT NAME** : Manual evolutive heat press for plates, caps, mugs and other supports AC-3023ME

**Serial Number** :

This press is certified to be inspected and authorized for sale



## PACKING LIST

- 1 press AC-3023ME – with one upper and one lower heating plate 30 x 23 cm
- 2 accessories for plates - Ø 15,5 cm & 11,5 cm
- 1 heating accessory for patches – 15,5 x 15,5 cm
- 2 accessories for caps – one upper heating plate and one lower plate
- 1 accessory for mugs
- 1 cable for power supply
- 1 instructions guide

**For any technical advices or spare parts orders :**

**Direct line : + 33 (0) 141790045**