MICROTEC

TITAN QUICK GUIDE

T1620Pro-AWL

TITAN Pro 16×20 Auto Open Swing Away Heat Press

One picture per step. Scan a QR code or tap “Watch” to see that exact step in our video.



Safety first

The heat plate gets very hot
Up to 446°F. Never touch it. Keep children and pets away.

Use a grounded 120V outlet
3-prong outlet only. Do not use an extension cord.

Keep hands clear when closing
Use the handle. Never put fingers between the plates.

Indoors, dry, airy room
41–104°F room. Level, heat-safe table. Away from water and anything that can burn.

Emergency? Press the **red emergency button**. The heat plate lifts right away. Then turn off the power switch.

1 Unbox

Watch 0:24



1. Turn the box on its side

Two people. The machine is heavy.



2. Open the bottom of the box

Cut the tape on the bottom flaps.



3. Slide the machine out

Lift by the frame, never by the handle or control box.



4. Keep all packaging

You will need it if the machine ever has to come back for service.

2 Set up

Watch 0:51



1. Bolt on the rear support stand

It keeps the press from tipping when the heat plate swings. Tighten the bolts.



2. Attach the press handle

Bolt it to the arm and tighten with the wrench.



3. Put on the lower plate

Slide it onto the mount until it sits flat.



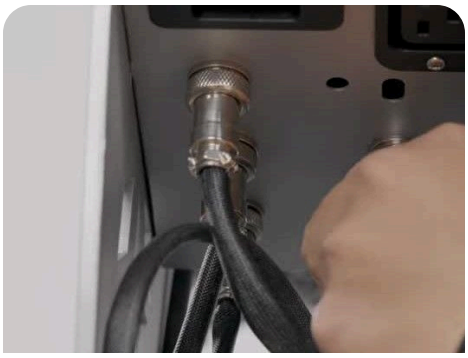
4. Attach the heat plate

Set it on the studs under the arm. Tighten the nuts firmly with the hex key.



5. Mount the control box

Set it on the frame and tighten the knobs on the side.



6. Check the round metal plug

Back of the control box, lower left: the round plug must be pushed into the round socket, with its metal ring turned until snug.



7. Plug in the black heater plug

Into the middle socket on the back of the control box. Push it in all the way.



8. Plug in the yellow sensor plug

Into the small yellow socket on the right. It fits only one way.



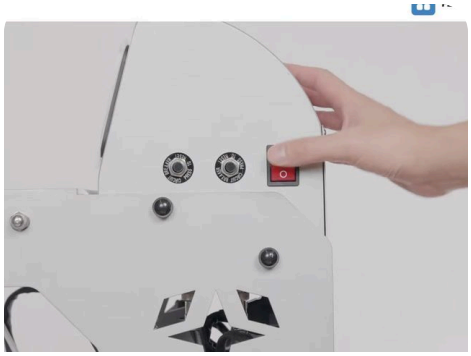
9. Plug in the power cord

Into the left socket on the back of the control box. Check that all 4 plugs are pushed in all the way.



10. Plug into a grounded outlet

Plug the other end of the power cord into a grounded wall outlet.

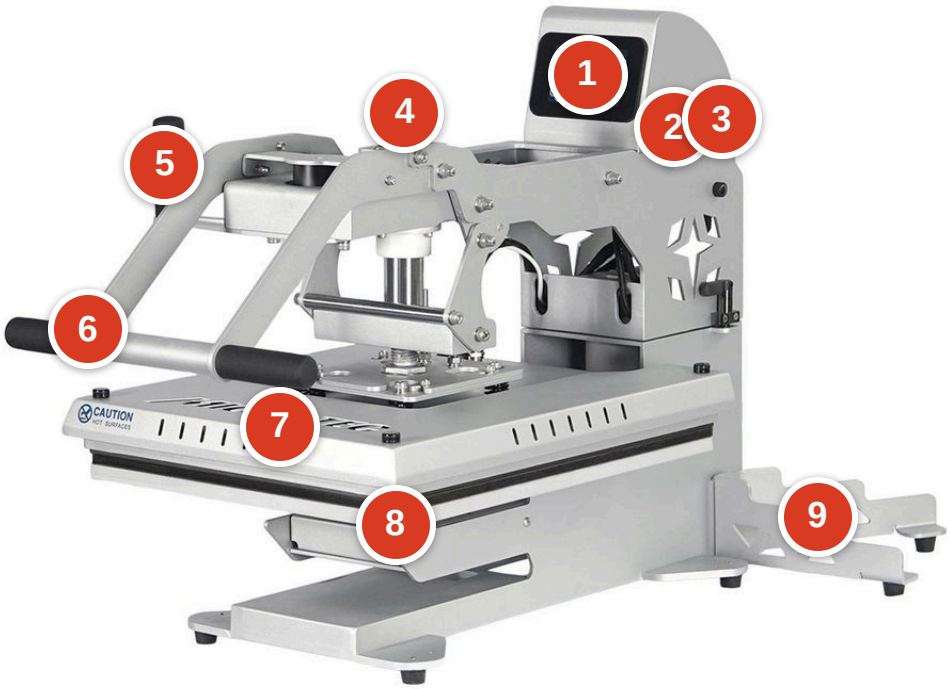


11. Turn on the power switch

Red rocker switch on the side of the control box. The screen lights up.

3 Know your machine

Watch 2:18



1 Control panel (GY-13)
Touch screen. Set temperature and time.

2 Reset fuses (2)
Pop out if the current is too high. Push back in to reset.

3 Power switch
Red rocker switch. On / off.

4 Pressure knob
Clockwise ↻ = more pressure, counter-clockwise ↺ = less. The screen shows it as P-0, P-1…

5 Swing-away assist handle
Use it to pull the heat plate back over the lower plate.

6 Press handle
Push down with both hands to close.

7 Heat plate (HOT)
Do not touch.

8 Lower plate (EasyFit)
Swap for other EasyFit sizes.

9 Rear support stand
Keeps the press steady when the plate swings.

10 Red emergency button
On the arm. Press to lift the heat plate at once.

11 **Auto-swing lock**
Push the handle back = unlocked: the plate swings away by itself after each press. Pull it forward = locked in place.

⚠ **Pressure P5 or lower = no auto open.** If the pressure display shows **P5 or lower**, the press will not open by itself. Lift the handle by hand.

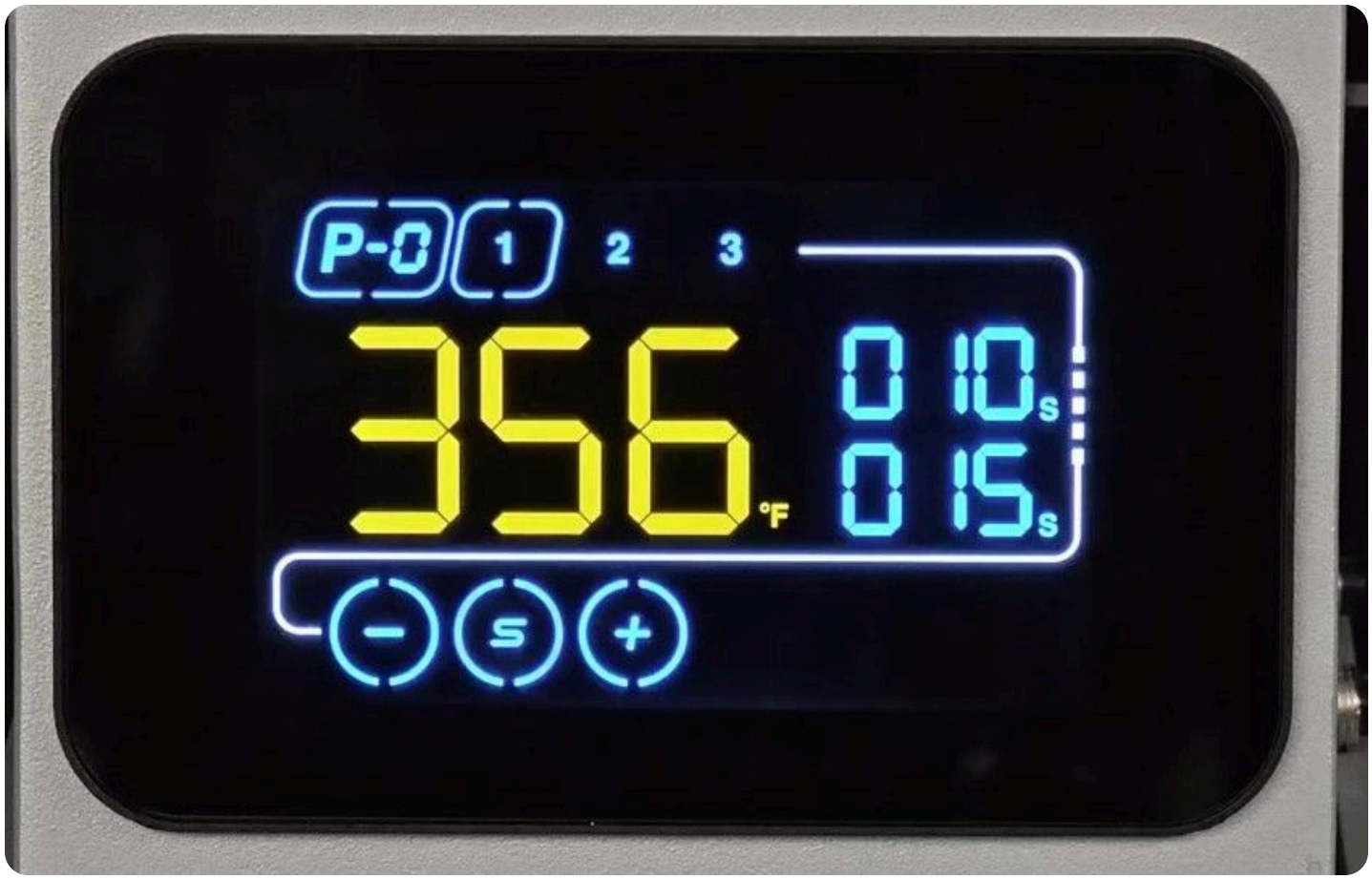
⚠ **Watch the swinging heat plate.** It swings to the side after each press. Keep your head and arms out of its path.

✓ **Auto open + swing away:** when the timer ends, the heat plate lifts by itself and (if unlocked) swings to the side, so you can reach the shirt easily.

✓ **Pressure:** close the press and read P-0 on the screen. Clockwise ↻ = more pressure, counter-clockwise ↺ = less. Flashing **P-E** = too much: turn counter-clockwise ↺.

4 Control panel (GY-13 touch screen)

Watch 2:00



1 **P-0 · Pressure readout**
Shows the pressure while the press is closed. If it flashes P-E, the pressure is too high — turn the knob counter-clockwise ↺ to reduce it.

2 **1 · 2 · 3 · Saved settings**
Tap a number to switch to that saved setting.

3 **Temperature (yellow)**
The big number is the plate temperature.

4 **Top timer · Prepress Time**
Prepress TIME, in seconds (first countdown).

5 **Bottom timer · Press time**
Second countdown. Starts by itself when the first one ends.

6 **− Minus**
Lower the blinking number.

7 **S Set**

Step to the next setting. After the last one it saves.

8 **+ Plus**

Raise the blinking number.

Set temperature and time



1. Tap 1, 2 or 3

Pick the saved setting you want to change.



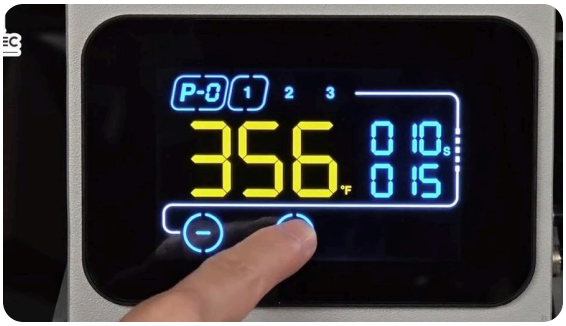
2. Tap S — temperature

The temperature blinks. Tap + or − to change it.



3. Tap S again — Prepress

The top timer blinks. Tap + or −.



4. Tap S again — Press time

The bottom timer blinks. Tap + or −.



5. Tap S to save

Nothing blinks. The setting is saved to the number you picked.

Prepress, then Press: the top timer counts down first, then the bottom timer starts by itself. Only need one press? Set the top timer (Prepress) to **0**.

Settings save automatically to the number (1, 2 or 3) that is selected.

Quick reference

I WANT TO…	DO THIS
Switch between my 3 saved settings	Tap 1 2 or 3 on the screen
Change temperature	S → + − → S S S
Change Prepress time	S S → + − → S S
Change Press time	S S S → + − → S
Only one press per shirt	Set Prepress (top timer) to 0
Screen flashes P-E	Too much pressure — turn the pressure knob counter-clockwise ↺

Ranges: temperature 32–446°F · each timer 0–999 sec.

5 Your first press

Watch 2:33



1. Set temperature and time, then wait

MicroTec DTF film: 300°F, 6 seconds. Other transfers: use their settings. Wait until the plate reaches the set temperature.



2. Swing the heat plate away

The lower plate is now open and safe to reach.



3. Lay the shirt flat on the lower plate

Smooth out wrinkles with your hand.



4. Place your transfer on the shirt

Line it up where you want the design.



5. Swing the heat plate back

Use the assist handle until it is right over the lower plate.



6. Push the press handle down with both hands

The countdown starts. Keep your hands off the plates.



7. It opens by itself

At 0 the heat plate lifts up and swings away (if unlocked).



8. Peel the transfer

MicroTec DTF film: hot peel — peel right away while hot. Other transfers: follow their instructions.

> ⚠ If Prepress is not 0, the two timers run one after the other: Prepress first, then Press. Set Prepress to 0 for one single press.

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6 If something is wrong

⚠ Screen flashes P-E

1. The pressure is too high.
2. Turn the pressure knob counter-clockwise ↺ to reduce it, then press again.

⚠ Doesn't open by itself (P5 or lower)

1. If the pressure display shows P5 or lower, the press will not open by itself — this is normal.
2. Lift the handle by hand. Need auto open? Turn the knob clockwise ↻ to above P5.

Won't turn on

1. Check the plug and the wall outlet.
2. Turn the power switch on.
3. Fuse popped out? Push it back in once the problem is fixed.

Won't close / lock

1. Check the lower plate is seated all the way.
2. Check the pressure setting.



Watch the fix · 1:16

Won't swing away by itself

1. The swing lock is on.
2. Push the handle back to unlock it.

Temperature jumps around

1. Turn off and unplug.
2. Check the yellow sensor plug is pushed in tight.



Watch the fix · 1:49

Too hot / keeps heating

1. Turn off and unplug.
2. Watch the fix video, then call us.



Watch the fix

Screen temperature doesn't match the plate

1. Measure the plate with a surface thermometer.
2. Follow the video to set the temperature offset.



Watch the fix

DTF transfer peels or won't stick

1. Check temperature, time and pressure against your transfer's instructions.

Watch the fix · 1:52

Specifications

	T1620Pro-AWL
Plate size	15.7″ × 19.6″
Power	120V · 1700W · 14.2A · 60Hz
Temperature	32–446°F
Timer	0–999 s
Controller	GY-13

Still stuck? Call us.

Phone

(714) 261-9498

Mon–Fri · 7:30 am – 5:00 pm Pacific

Email

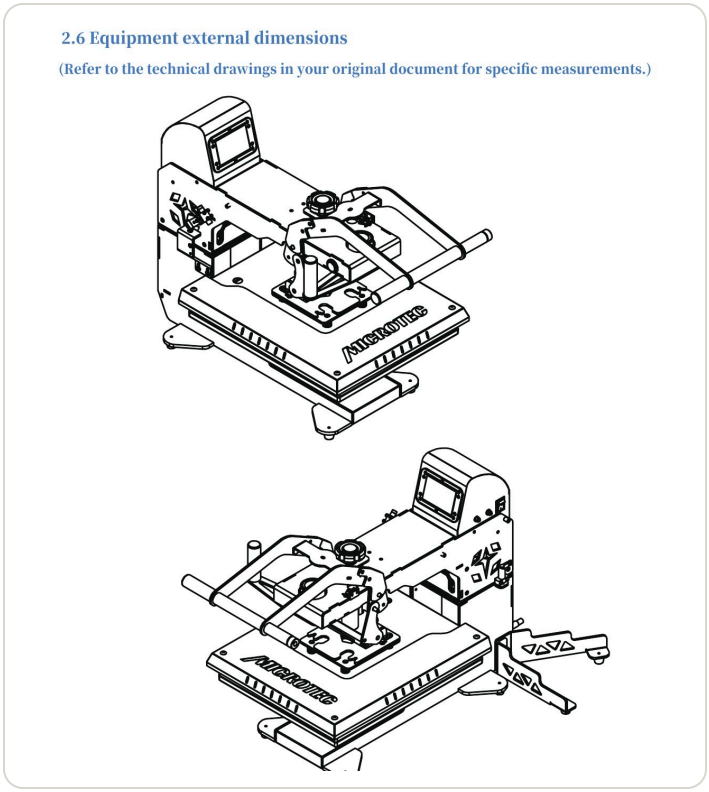
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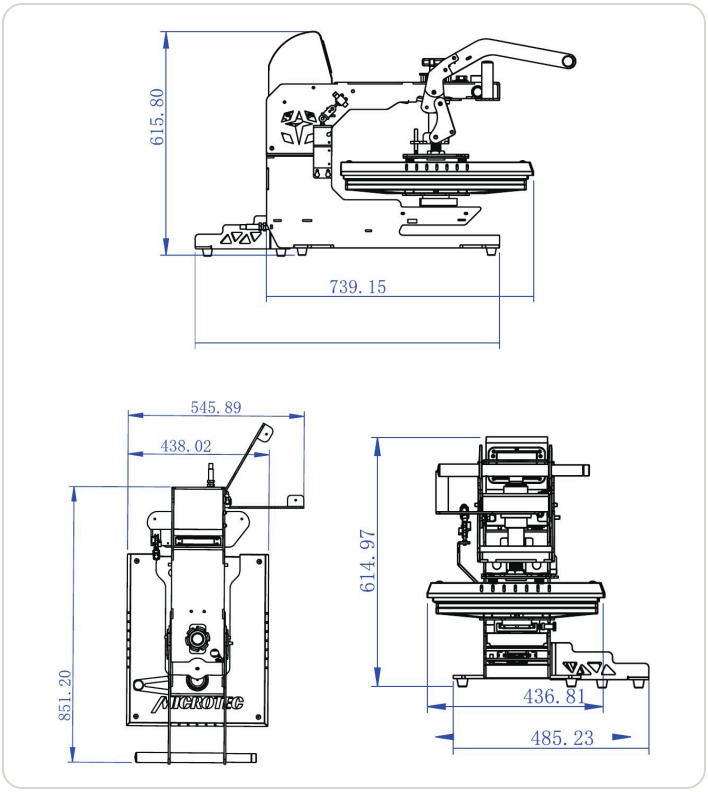
Free lifetime tech support

Dimensions & diagrams

For service technicians. **Unplug the machine** before opening any cover.

Dimensions (mm)





Wiring diagram

