MICROTEC

TITAN QUICK GUIDE

T1620-A2

TITAN 16×20 Auto Open Dual Station 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
The machine must be reliably grounded. 3-prong outlet only.

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

Indoors, dry, clean, airy room
Room 41–104°F, humidity 30–90% (no condensation). Level, heat-safe table. Away from water, dust, corrosive gas and anything that can burn.

Mind the sliding plates
The two lower plates slide side to side. Keep fingers away from the rails.

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

1 Unbox

Watch 0:24



1. Remove the top panel of the crate

Use a drill or screwdriver. Get help — the panels are big.



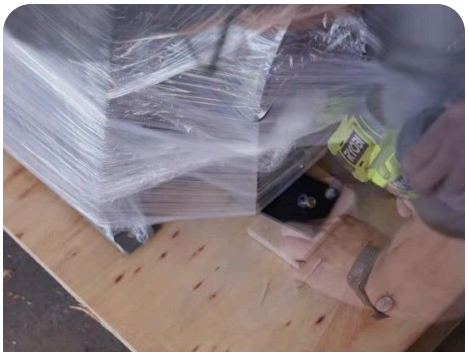
2. Lift the top panel off

Two people.



3. Remove the side panels

Lift each panel away from the machine.



4. Unbolt the anchors

Remove the bolts that hold the machine to the crate floor.
Keep all packaging.

Always move the machine safely. It is heavy — get help.

2 Set up

Watch 0:54



1. Put it on a sturdy table

Flat and level, with room on both sides for the sliding plates.



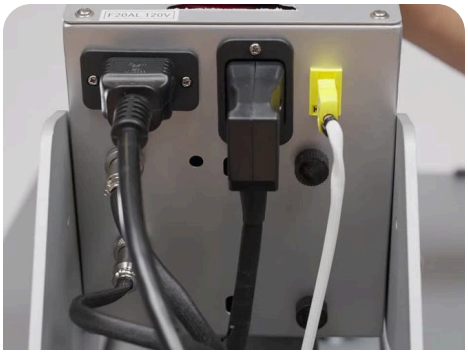
2. Connect the round metal plug

Back of the machine, lower left: push the round plug into the round socket, then turn its metal ring until snug.



3. Plug in the heater cable and the yellow sensor plug

On the back of the machine: the black heater plug goes into the middle socket, the yellow sensor plug into the yellow socket on the right. Each fits only one way.



4. Plug in the power cord

Into the left socket. Check that all 4 plugs are pushed in all the way.



5. Plug into a grounded 120V outlet

Plug the other end of the power cord into the wall.

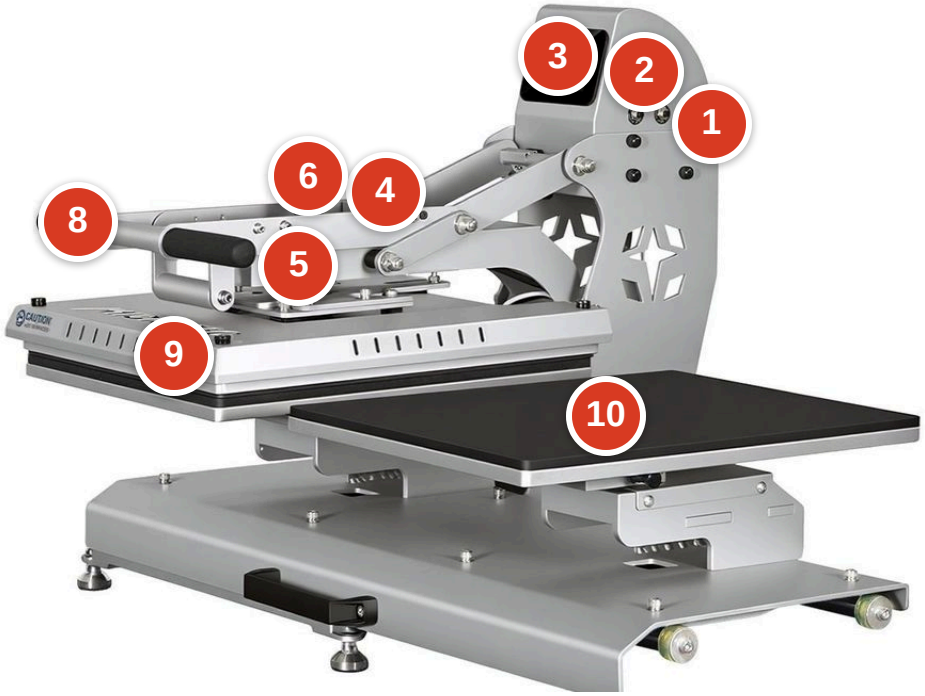


6. Turn on the power switch

Red rocker switch next to the screen. The screen lights up.

3 Know your machine

Watch 1:33



1 Power switch
Red rocker switch. Turns the machine on and off.

2 Reset fuses (2)
Pop up and cut the power if the current is too high. Once things are normal, press them back down.

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

4 Auto / manual open switch
Metal suction cup facing down = the heat plate lifts by itself when the time is up. Rubber U-piece facing down = you lift it by hand.

5 Red emergency button
Press to lift the heat plate at once and stop the press.

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

7 Magnetic switch (under the arm)
When you press the heat plate all the way down, it starts the countdown.

8 Press handle
Pull down with both hands to close.

9 **Heat plate (HOT)**
Do not touch.

10 **Two lower plates (slide side to side)**
Load one while the other is being pressed. EasyFit plates swap for other sizes.

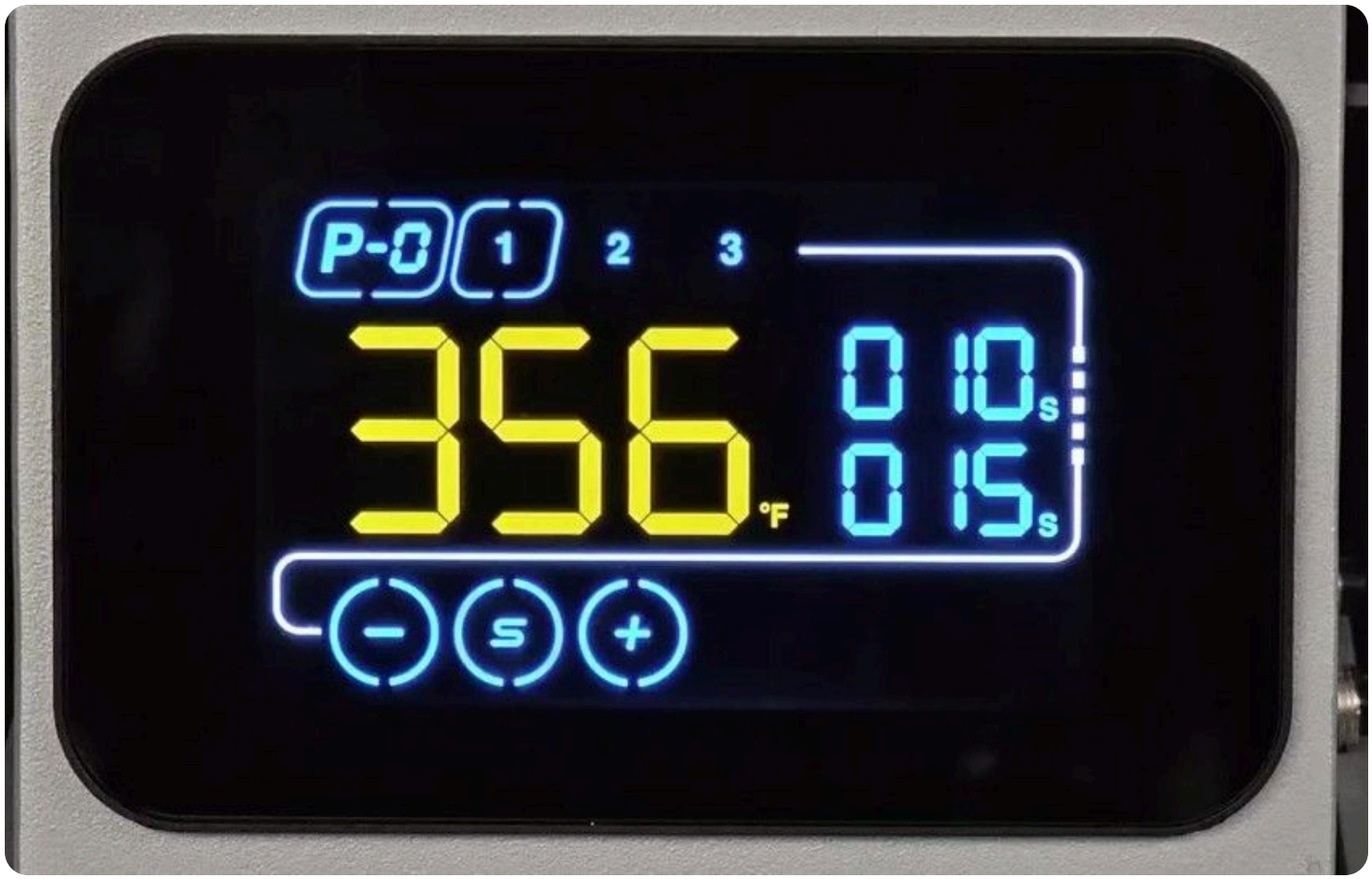
⚠ **Pressure P5 or lower = no auto open.** If the pressure display shows **P5 or lower**, the press will not open by itself. Lift the handle by hand.

✓ **Auto open:** with the metal suction cup facing down, the heat plate lifts by itself when the timer ends.

✓ **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 1:15



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.



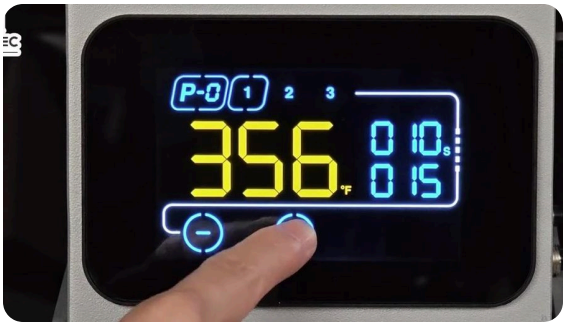
2. Tap S — temperature

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 up to 999 sec.

5 Your first press

Watch 1:57



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. Lay the shirt on the plate under the heat plate

Smooth out wrinkles with your hand.



3. Place your transfer on the shirt

Line it up where you want the design.



4. Pull the handle down with both hands

Press all the way down — the countdown starts. Keep your hands off the plates.



5. While it presses, load the other plate

Lay the next shirt and transfer on the free plate.



6. It opens by itself

At 0 the heat plate lifts up (auto mode: metal suction cup facing down).



7. **Slide the plates over**

The next shirt is now under the heat plate.



8. **Pull the handle down again**

Meanwhile, peel the first shirt and load a new one.



9. **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.

Doesn't open by itself

1. Check the auto / manual open switch on the arm.
2. The metal suction cup must face down. Rubber U-piece down = manual open.

Countdown doesn't start

1. Pull the handle all the way down with both hands.
2. The timer starts only when the heat plate is fully closed.

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 slid all the way to its station.
2. Check the pressure setting.


Watch the fix · 1:16

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

	T1620-A2
Plate size	15.7″ × 19.6″
Power	120V · 1700W · 14.2A · 60Hz
Temperature	32–446°F
Timer	Up to 999 s
Controller	GY-13
Size (W × D × H)	40.7″ × 31.4″ × 25.6″

Still stuck? Call us.

Phone

(714) 261-9498

Mon–Fri · 7:30 am – 5:00 pm Pacific

Email

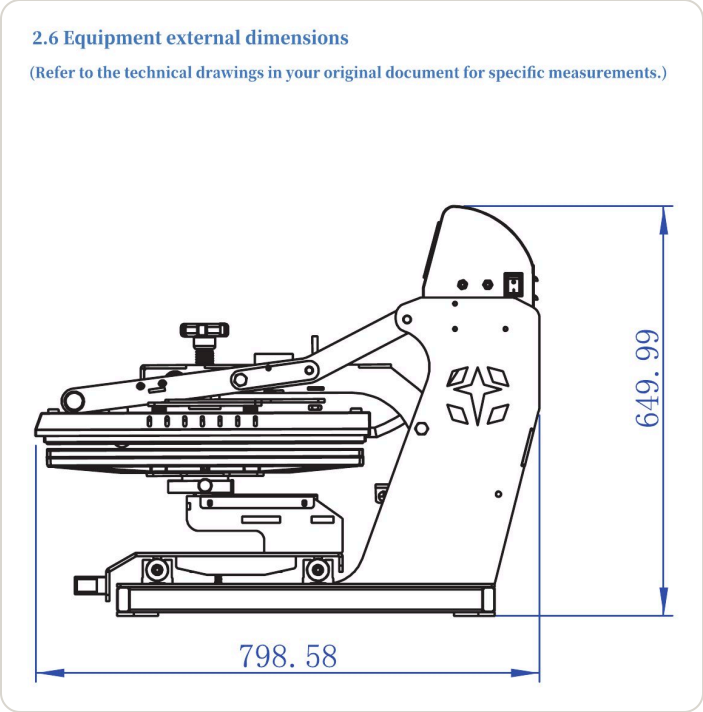
sales@microtecusa.com

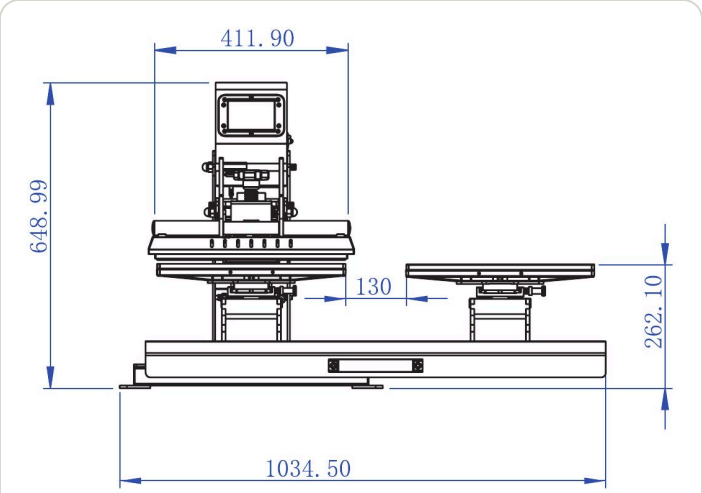
Free lifetime tech support

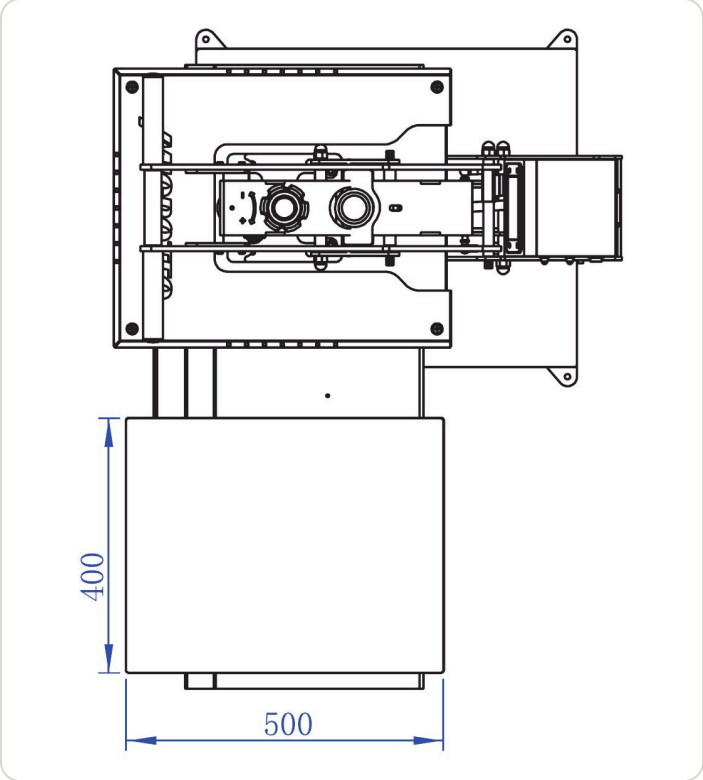
Dimensions & diagrams

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

Dimensions (mm)







Wiring diagram

