



# **WJ Series**

**Heat transfer machines**

**Instruction manual**

### 1、Abstract

The machine is applied to bind materials with low temperature low lining of pyrograph and printing in costumes, It will can heat transfer and pyrograph the color pattern and writing of printing ink of sublimated and solvent print in cotton, hemp, chemical fiber etc., And it also can used to hot deal with flocking prograph and bled prograph printing Craft, economy and practical.

### 2、Features

Electronics figures manifestation thermostat control temperature, high precision.

Fever silk and hot plate roll into integral whole, safely, enduring, hot distribute uniformly.

Electronic timing control , finish procedure with signal.

Spray Teflon into upper working face, use with a long-term, easy to clean.

Adjust pressure at any moment.

The bottom of plate use high temperature-resistant bled silicon, temperature-resistant reach at 350℃ can not change shape.

### 3、Qualification

Type	Working surface	Voltage	Power	Thermoregulation	Time delay
82	82X32cm	220V	1.8KW	50-300℃	1~60s
62	62X38cm	220V	3.2KW	50-300℃	1~60s
38	38X38cm	220V	3.2KW	50-300℃	1~60s

### 4、Operation

①Plug into power lead, turn on the switch, indicator light is on.

Attention: the complete machine must be used right and reliable protection ground wire.

②Had equipped with double earth wire both green and yellow, when damaging, replace a new one, forbid breaking or flexing reed on the connector plug of earth wire.

③ Adjust thermostat to requisite temperature (usual  $120^{\circ}\text{C}\sim 200^{\circ}\text{C}$ ) till it reach at preset temperature, upper indicator light put out, and start on operation at this time.

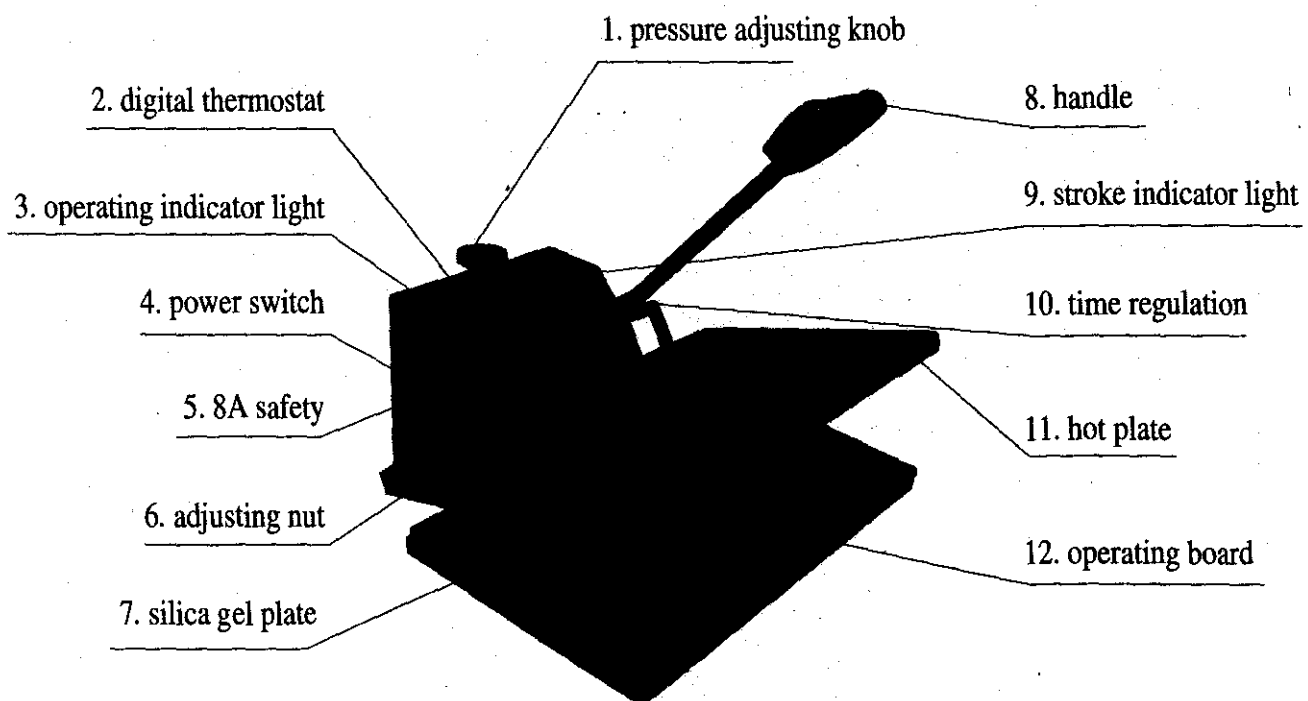
④ Adjust time controller to requisite time (usual 5 ~ 20s).

⑤ Lie flat the clothing on the below of ironing board, then put on pyrograph paper (noting one on the face and one on the back of pyrograph paper), push down handle strongly till to terminal.

Attention : Don't over 25 kg, otherwise may be resulted in changing shape of handle.

⑥ The alarm will keep beeping when the end of time on controller, lift up the handle back to home position.

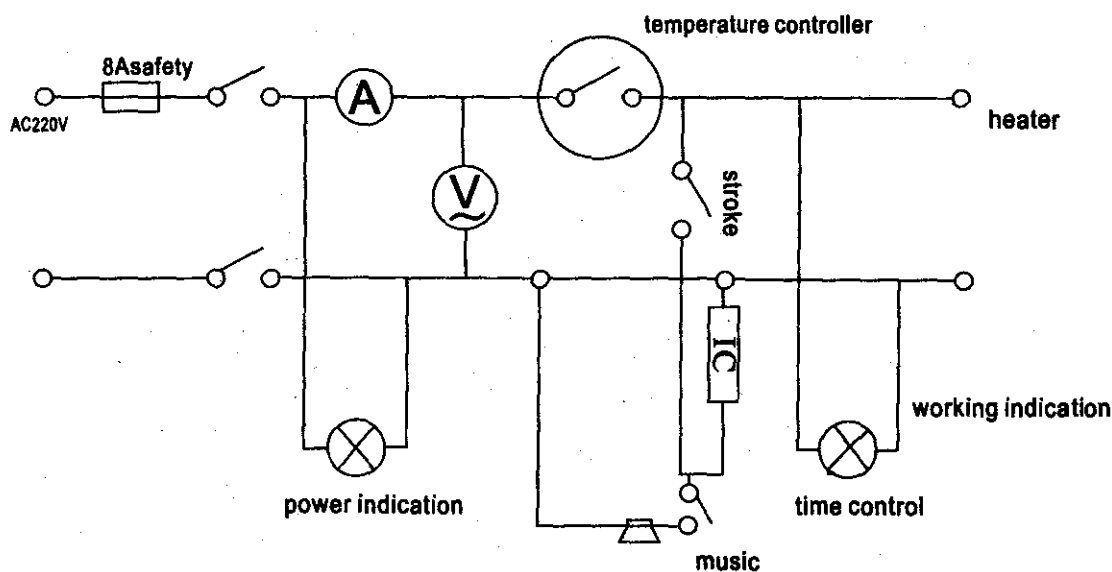
Successful iron-press needs to work in correct time, temperature and press, both thickness and material of costuming and the kinds of lining will result in affection of iron-press. If you want to come true the ideal effects, so that must be choose the accurate time for the costuming and accessory materials.



## 5. Maintenance

- ① Pressure: if the pressure is not enough or too high, you can adjust pressure nut in the bottom of machine. Do anticlockwise (+) will increase pressure, whereas, it will reduce.
- ② Time: when the iron-pressing time is over, the alarm will not beeping or keep beeping, so that you should check the contact point of micro switch in the bottom of casing which whether it is equidistant, if not, it need be reset to the properly position.
- ③ Temperature: when the temperature reached the adjustment, temperature controller point at "0" position (reached 180 °C about 15 minutes). If hot plate doesn't heat after starting, please check up the circuit.
- ④ When handle pressing adown to bottom, let go of hand and its will turn back self-motion, so that please you adjust nut adown.
- ⑤ when carrying handle to feel labored until done with press ironing, you can adjust nut upward.

## 6. Schematic diagram for electrical appliance.



Introduction of methods for general and in common use  
lining pyrograph printing  
(For your information)

Product type	Features/ effects	Transferral temperature	Perdurability	Methods of tear sheet	Scopes of application
High temperature senior cloth lining		180℃-210℃	15-20 seconds		
Low temperature cloth lining		160℃-180℃	15-18 seconds		
Paper lining		100℃-140℃	10-15 seconds		
Swimsuit pyrograph	Long flexibility	140℃-170℃	4-10 seconds	Cold tear	Long range elasticity fiber, for insatnce: bathing suit
Nylon, Corfam pyrograph	planography or half-tone screen	120℃-140℃	2-3 seconds	Hot tear	Nylon chemical fiber, for instance: umbrella, dust coat, PU, leather etc.
Infiltration pyrograph	Good handle, air permeability	160℃-210℃	4-8 seconds	Cold tear	Cotton, blending, for instance: advertising shirt (black or white) etc.
High temperature bled pyrograph	Powerful third dimension, half-tone screen, environmental protection type	160℃-210℃	4-8 seconds	Hot tear	Cotton, blending, for instance: dress etc
Low temperature bled pyrograph	Powerful third dimension, elastic	120℃-160℃	4-8 seconds	Hot tear	Cotton, blending, for instance: dress etc
Scrub and press transfer paper	Half-tone screen				Photo-wedding dress and art design paper, for instance: toys, etc.
Water gauge transfer paper	Half-tone screen				Gym equipment and tattoo paper, for instance: racket, safety cap etc.
Golden onion pyrograph	Metal feeling	120℃-160℃	6-10 seconds	Hot/cold tear	Cotton, blending, for instance: dress etc
Flocking pyrograph	Air-planting third dimension	150℃-190℃	8-15 seconds	Cold tear	Cotton, blending, for instance: sport suit
Photo-chrome transfer paper	Effects of photo	120℃-180℃	8-15 seconds	Cold tear	Cotton, blending, for instance: advertising shirt etc.
Sublimation dye-air transfer paper	Air permeability, handle without printing	about 200℃	8-20 seconds	Hot tear	Terylene and plastic, for instance: sport suit, shell of handset etc.
Plastic transfer printing paper	Half-tone screen	140℃-22℃	1-15 seconds	Cold tear	PP, PE, PS, ABS
Sport NO. marking transfer paper	Half-tone screen	140℃-180℃	4-10 seconds	Cold tear	Cotton, blending, for instance: sport suit etc.