

FV-310

Heating Gun



- Stepless control on temperature and airflow for optimal settings
- Easy replacement of heating element
- Temperature range: 80 to 530°C (for 220 - 240 V)
- Airflow range: 0.15 m³/min.

Packing List

FV-310	Unit, Instruction manual
---------------	--------------------------



Provided in a carrying case

Specifications

Power Consumption	1000 W
Maximum Temperature*	530°C (50 to 530°C for 100 - 110 V 80 to 530°C for 220 - 240 V continuously variable)
Air Velocity	600 m/min.
Air Flow	0.15 to 0.25 m³/min.
Dimensions**	240 (W) × 190 (H) × 70 (D) mm
Weight**	0.6 kg

* Measured at the point 10 mm from the pipe.

** Without cord

Features

Stepless control on temperature and airflow for optimal settings

Fine control of temperature and airflow for a variety of application contributes to improvement of work efficiency.



Types of applications

A	Drying painting and putty
B	Peeling sticker
C	Shrinking
D	Heat shrink tubing
E	Curving plastic material

Temperature distribution chart

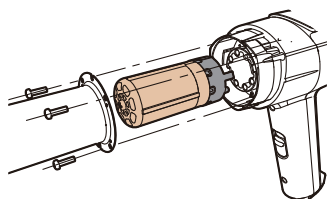
Temperature control knob (TEMP.) Airflow control knob (AIR)	1	2	3	4	5
1 (0.15 m³/min.)	120 °C A B C D E	175 °C A B C D E	295 °C A B C D E	425 °C A B C D E	530 °C A B C D E
2 (0.17 m³/min.)	110 °C A B C D E	165 °C A B C D E	270 °C A B C D E	390 °C A B C D E	505 °C A B C D E
3 (0.2 m³/min.)	100 °C A B C D E	145 °C A B C D E	230 °C A B C D E	320 °C A B C D E	425 °C A B C D E
4 (0.23 m³/min.)	90 °C A B C D E	130 °C A B C D E	205 °C A B C D E	285 °C A B C D E	380 °C A B C D E
5 (0.25 m³/min.)	80 °C A B C D E	115 °C A B C D E	190 °C A B C D E	270 °C A B C D E	345 °C A B C D E

* This chart is for 220-240 V. For the chart for 100-110 V, please visit our website.

* The temperature and airflow volume are reference values; these values are not guaranteed.

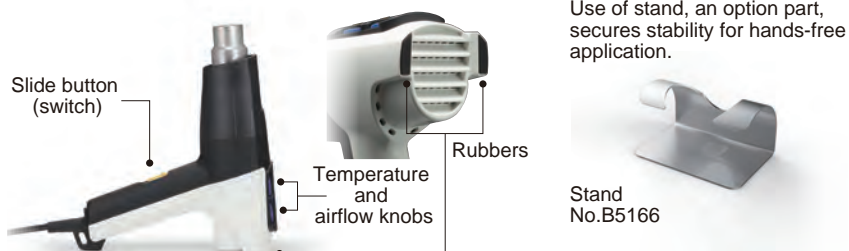
Easy replacement of heating element

It requires only a screwdriver to remove pipe and replace heating element.



Safety design for fall-prevention during hands-free operation

Anti-slip rubbers on the back improve stability and safety during hands-free operation.



Option



Drying, painting and putty

Heat shrink tubing
Use of hook type nozzle and stand

Peeling sticker

Shrinking

Curving plastic material
Use of nozzle holder and single nozzle

Welding floor coverings
Use of nozzle holder and V type nozzle

Welding PVC sheet
Use of nozzle holder and spatula type nozzle along with roller

Spatula type nozzle 20 mm
No.N70-01

Spatula type nozzle 62 mm
No.N70-02

Hook type nozzle 20 mm
No.N70-03

Hook type nozzle 40 mm
No.N70-04

* Use this nozzle on the nozzle holder (N70-05).

Nozzle holder
No.N70-05

Single nozzle 12 mm
No.N70-06

* Use this nozzle on the nozzle holder (N70-05).

V type nozzle for 4 mm welding rod
No.N70-07

* Use this nozzle on the nozzle holder (N70-05).

Roller
No.A1115

MELTER

Glue Gun



- Glue gun with temperature control function is applicable also to the adhesion of electronic components.
- Useful when fixing up sealing of carton boxes, dressing cases, and packages
- Only used with a stick-type adhesive that is easy to replenish (ø11.5 mm)

Applications

When using polyamide adhesives

- Reinforce and insulate soldered parts
- Fasten capacitors, resistors, etc.
- Fasten jumper wires
- Perform insulation potting for terminals
- Fasten the ends of coils
- Fasten deflecting yokes and variable coils

When using EVA adhesives

- Glue paper products (cardboard boxes, gift boxes, etc.)
- Fasten wood products
- Fasten plastics and metals
- Fasten textiles and shock absorbent packing
- Reseal products during packaging

Packing List

804	Unit, #13 Spanner, #14 Spanner, Instruction manual
------------	--

Specifications

Model No.	804
Power consumption	100 W
Melting temperature	100 to 200°C (variable)
Standard nozzle	ø2 mm (No. A1083)
Discharge capacity	900 g/h
Dimensions*	207 (L) × 173 (H) × 45 (D) mm
Weight*	350 g

* Without cord

Adhesive Used

This model has been designed for use with stick adhesives (those hardened into the shape of a stick) only. Be sure to use adhesives recommended by HAKKO.
(No. 810: UL94V-O recognized)

Part No.		810	811	812
Name		Polyamide	EVA	
Packing		1 kg		14 pcs
Color		Yellowish brown	Milky white	
Size		ø11.5 × 220 mm		
Viscosity		2300 cps. (2300 mPa·s)	5800 cps. (5800 mPa·s)	
Open time*		10 seconds	40 seconds	
Temperature at which adhesive is heat resistant		100°C	55°C	
Suitability	P.W.B.	○	—	
	Wood	○	○	
	Paper	○	○	
	Metal	○	○	
	Plastic	○	○	
Packing		In aluminum foil bag	In polyethylene bag	In blister pack

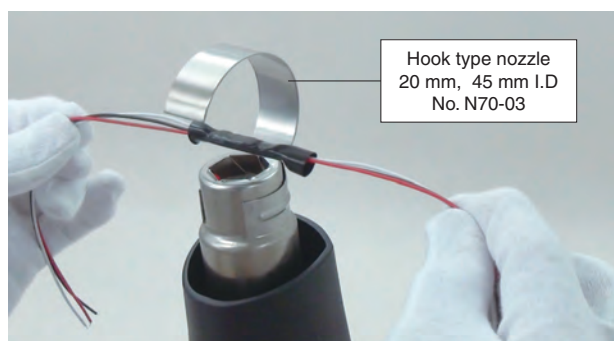
Adhesives marked with ○ are more suited for that material than adhesives marked with ○.

* Application period

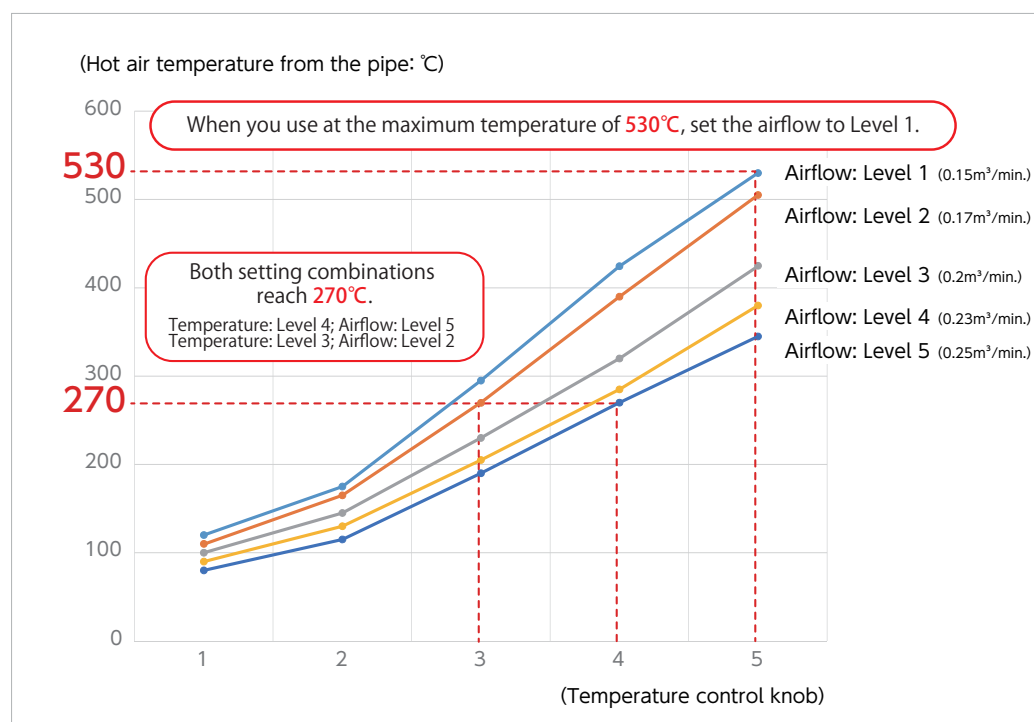
Topic Failure-Free Heat-Shrinking of Waterproof tube

By using FV-310 Heating Gun, and an optional nozzle, everyone can shrink waterproof heat-shrink tube, which is difficult work, quickly, beautifully and equally.

Using the optional nozzle shown below, the hot air from the nozzle flows along the hook-shaped baffle, so that the entire section of heat-shrink tube is shrunk quickly.



Temperature distribution chart



Although there is a click feeling, adjustment is stepless. Temperature and airflow suitable for the work can be set.

* This chart is for 220-240 V. For the chart for 100-110 V, please visit our website.

* The temperature and airflow volume are reference values; these values are not guaranteed.