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# Datasheet & Instrutions Hot Air Gun Etneo 885

## I. Feature

1. Closed loop of sensor, Temperature can be controlled by zero voltage triggering mode with LCD function and will not affected by air volume. Large power, rapid heating.
2. Several positions for air volume. Wide range of temperature can be adjusted digitally.
3. The filter cover in front of air outlet prevents objects from entering to damage the air gun.
4. The cold air position will increase the life of heating element and protect the unit.

## II. Application

1. Suitable for soldering and desoldering various kinds of components such as SOIC,QFP,PLCC,BGA chips.
2. Can be used for heat shrinkage, paint and sticker removal, preheating, sterilizing, copper soldering etc.

## III. Technical parameters

1. Power consumption: 2300W/230VAC, 2100W/220V
2. Temperature range: 50°C-650°C
3. Air volume:
  - 0 l/m (“0”,Off)
  - 180 l/m (“I”,Cold Air)
  - 200 l/m (“II”,Hot Air)
  - 400 l/m (“III”,Hot Air)
4. Indicator: LCD (resolution: 1°C)
5. Weight: 700g
6. Noise: < 70dB

## IV. Operation

1. Connect power cord to mains outlet.(above 10A)
2. Set temperature by sliding power switch to position needed.(See V, Temperature setup)
3. Start working after temperature remains stable.
4. Be sure to switch to “I”position to cool the unit after work.

## V. Temperature Setup

1. Press “UP” key to increase temperature, it will be memorized after releasing for one second.
2. Press “DOWN” key to reduce temperature, it will be memorized after releasing for one second.
3. Don’t move power switch while setting temperature. Otherwise, the set temperature may not be memorized.

## VI. Note

1. The air outlet and its surrounding area maybe very hot. Please take great care against being hurt.
2. Try to stand the air gun upwards when placing and make working surface flat and stable.
3. After work, power switch must be switched to “I”position to cool the unit. The air gun has to be turned off only when temperature is under 100 °C.(Stand the body of gun to scatter heat when cooled)
4. Keep air outlet at least 5mm from the surface to be heated.(from air outlet)
5. Disconnect the power cord when not in use for a long time.
6. Keep the air gun out of reach of children.
7. Never use this unit in flammable gases or near other flammable materials. After use, don't put it near flammable gases or materials.
8. Handle with care not to shock the unit sharply.
9. Don't operate the unit with wet hand or when the power cord is damp to avoid short circuit or electric shock.
10. Differences in temperature may exist when different nozzles are used.
11. Hidden areas such as behind walls, ceilings, floors, and other panels may contain flammable materials that could be ignited by the heat gun when working in these locations. The ignition of these materials may not be readily apparent and could result in property damage and injury to persons.
12. The filter cover should be cleaned if it accumulates dust resulting in reduced air volume

## VII. Filter cover cleaning

1. Pry the seam of filter cover which is on the bottom of the unit with “-“ screwdriver first, and then draw out the filter cover in the direction of cover guide direction. Strike the cover to drop dust or clean it with brush, or dry it by air after washing it with water. (Don't clean it with solvent substance)
2. Put the cleaned filter cover in the cover guide post, and push it forward to the bottom.

