

Designers and Manufacturers of Heat Tools for Industry

MASTER-MITE ESD[™] HEAT GUN

A Bench-Top Heating System that eliminates housing related ESD (electrostatic discharge)

- Comes standard with black 800°F/427°C heating element, shrink attachment and adjustable stand
- Housing surface conductivity 500 ohms/square. Conductive housing will not build up or hold a static charge
- Housing helps to shield against EMI & RFI (electromagnetic & radio frequency interference)
- A totally grounded system
- A long life, quiet running, maintenance free shaded pole motor
- Low velocity air will not blow components around the workstation
- 3 optional interchangeable plug-in heating elements available
- A complete line of attachments is available
- Made in U.S.A.



Shrink Tubing



Speed Dry Conformal Coatings



Terminate Specialty Connectors

APPLICATIONS

- Activate and cure epoxies
- Dry conformal coatings
- Melt solder preforms
- Pre-heat flux
- Desolder components
- Shrink packaging
- Shrink tubing
- Terminate specialty connectors

The Master-Mite ESD is more than just a heat gun. It is a complete bench-top heating system, equipped to perform unlimited tasks. This easy-to-use model comes standard with an adjustable stand, heat shrink attachment and the Black 800°F/427°C heating element. Other heating elements are optional.

Weighing only 28 ounces, the Master-Mite ESD, can be hand-held for jobs such as shrink tubing without causing fatigue. It can also be set in its stand, leaving both hands free to work. Bench-top tasks are made easier with the Master-Mite ESD, as its controlled airflow won't blow components around the work area. The Master-Mite ESD gives off just the right amount of heat, air velocity and volume to perform a variety of duties.

SPECIFICATIONS

Size:	8-7/8" L, 7" H, 3-3/8" W
Weight:	1-3/4 lbs.
Motor:	Shaded pole 3300 RPM
Nozzle:	Heating Element 3-7/8" long, 1" dia.
Cord Length:	7 Ft.
Air Velocity:	700 FPM
Air Volume:	3.8 CFM
Housing Static Decay	5000V to <50V <0.01 sec.
Housing Surface Res.	<500 ohms/sq.
Thermal Cutout	Standard

MARKETS

- Automotive
- Electrical/Electronic
- General industrial
- Laboratory
- Plumbing
- Repair

USED BY

- Field service technicians
- Lab technicians
- Mechanics
- Professionals
- Repair people
- & many others

Interchangeable heating elements offer the Master-Mite ESD user a choice of three heat ranges (500°F/260°C/800°F). These heating elements simply plug into the gun, making temperature adjustments quick and easy.

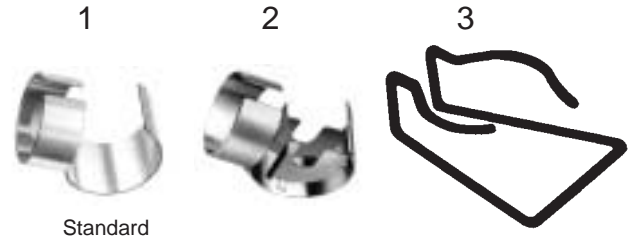
Another advantage of the Master-Mite ESD is its long life, maintenance free shaded-pole motor. This quiet running motor reduces audio noise, electrical and electronic interference and draws less than 1/4 amp.

The Master-Mite ESD is safe to use. It has a high impact carbon fiber housing, is fully grounded and will not hold or create a static charge like many plastics. There is also a full-line of optional attachments available.

OPTIONAL ACCESSORIES

Models 10012, 10014

- 1) 40060 Heat shrink attachment 1" O.D.
- 2) 30201 Solder preform attachment
- 3) 50675 Bench stand



ORDERING INFORMATION

MODEL	DESCRIPTION	Volts	HZ	Amps	Ship Wt.
10012	Master-Mite ESD Heat Gun	120	60	4.5	3 lbs.
10014	Master-Mite ESD Heat Gun	100	50/60	4.9	3 lbs.

Model 10012 is UL Listed.

Users should independently evaluate the suitability of the product for their application.

WARNING: This product, when used for soldering and similar applications, produces chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

REPLACEMENT HEATING ELEMENTS

Part#	Color	Temp.	Volts	Watts
20012	Blue	500°F/260°C	120	340
20013	Silver	650°F/343°C	120	475
20014	Black	800°F/427°C	120	525

MASTER[®]
APPLIANCE

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