



# TMT-HA

## Hot Air Tools



### TMT-HA300

**ESD SAFE** **LEAD FREE**

The TMT-HA300 hot air tool uses a large diaphragm pump and can be used for the removal and reflow of surface mount components such as SOIC, QFP, PLCC and other similar devices.

- ▶ Digital display shows temperature and status.
- ▶ Airflow meter provides visual feedback of air flow.
- ▶ Adjustable, easy to use temp and air control knobs
- ▶ Uses HTN Series Hot Air Nozzles

### TMT-HA300 SPECIFICATIONS

Input Line Voltage:	TMT-HA300-1	100-110 VAC
	TMT-HA300	220-240 VAC
Power:	600 Watts	
Temperature Range:	100 °C - 480 °C	
Pump:	Diaphragm Pump	
Airflow (Max):	23L / min	
Fuse:	TMT-HA300-1	250V 5A
	TMT-HA300	250V 3A
Size (W x H x D):	188mm x 127mm x 246mm	
Weight:	3.00 KG	

### PACKING LIST

TMT-HA300	Hot Air Tool
HTN-D30	Nozzle 3.0mm (0.12")
HTN-D50	Nozzle 5.0mm (0.20")
HTN-D80	Nozzle 8.0mm (0.31")
HTN-D100	Nozzle 10.0mm (0.39")

### CERTIFICATION MARK



### TMT-HA600

**ESD SAFE** **LEAD FREE**

The TMT-HA600 hot air tool uses a large diaphragm pump and a high power 1300W heater, designed to work on more difficult applications, in the removal and reflow of surface mount components.

- ▶ Fast heating and temperature recovery
- ▶ Simple controls allows easy adjustment.
- ▶ Uses HTN Series Hot Air Nozzles
- ▶ Digital display with easy-to-adjust temp and airflow

### TMT-HA600 SPECIFICATIONS

Input Line Voltage:	TMT-HA600-1	100-110 VAC
	TMT-HA600-2	220-240 VAC
Power:	1300 Watts	
Temperature Range:	100 °C - 480 °C	
Pump:	Diaphragm Pump	
Airflow (Max):	23L / min	
Fuse:	TMT-HA600-1	250V 15A
	TMT-HA600-2	250V 8A
Size (W x H x D):	188mm x 127mm x 246mm	
Weight:	3.00 KG	

### PACKING LIST

TMT-HA600	Hot Air Tool
HTN-D30	Nozzle 3.0mm (0.12")
HTN-D50	Nozzle 5.0mm (0.20")
HTN-D80	Nozzle 8.0mm (0.31")
HTN-D100	Nozzle 10.0mm (0.39")

### CERTIFICATION MARK

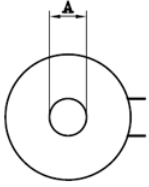


[www.thermaltronics.com](http://www.thermaltronics.com)



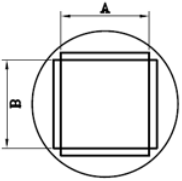
# TMT-HA

## HTN Series Hot Air Nozzles



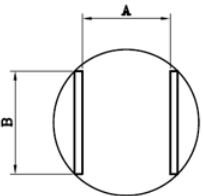
### Nozzles - Standard

Part Number	Description	A	
		MM	IN.
HTN-D30	Nozzle 3.0mm	3.0	0.12"
HTN-D50	Nozzle 5.0mm	5.0	0.20"
HTN-D80	Nozzle 8.0mm	8.0	0.31"
HTN-D100	Nozzle 10.0mm	10.0	0.39"



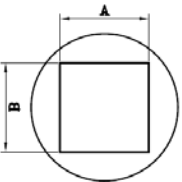
### Nozzles - PLCC, BQFP, QFP

Part Number	Description	A		B	
		MM	IN.	MM	IN.
HTN-PL20	Nozzle 11.9mm x 11.9mm, PLCC-20	11.9	0.47"	11.9	0.47"
HTN-PL28	Nozzle 14.5mm x 14.5mm, PLCC-28	14.5	0.57"	14.5	0.57"
HTN-PL32	Nozzle 16.9mm x 14.3mm, PLCC-32	16.9	0.67"	14.3	0.56"
HTN-PL44	Nozzle 19.5mm x 19.5mm, PLCC-44	19.5	0.77"	19.5	0.77"
HTN-PL52	Nozzle 22.0mm x 22.0mm, PLCC-52	22.0	0.87"	22.0	0.87"
HTN-PL68	Nozzle 27.0mm x 27.2mm, PLCC-68	27.0	1.06"	27.2	1.07"
HTN-PL84	Nozzle 32.4mm x 32.4mm, PLCC-84	32.4	1.28"	32.4	1.28"
HTN-QF48	Nozzle 8.4mm x 8.4mm, QFP-48	8.4	0.33"	8.4	0.33"
HTN-QF44	Nozzle 13.4mm x 13.4mm, QFP-44	13.4	0.53"	13.4	0.53"
HTN-QF80	Nozzle 17.3mm x 17.3mm, QFP-52,80	17.3	0.68"	17.3	0.68"
HTN-QF100	Nozzle 23.4mm x 18.1mm, QFP-64,80,100	23.4	0.92"	18.1	0.71"
HTN-QF160	Nozzle 31.2mm x 31.2mm, QFP-120,128,144,160	31.2	1.23"	31.2	1.23"
HTN-BQ100	Nozzle 22.4mm x 22.4mm, BQFP-100	22.4	0.88"	22.4	0.88"
HTN-QF240	Nozzle 34.5mm x 34.5mm, QFP-240	34.5	1.36"	34.5	1.36"
HTN-BQ196	Nozzle 37.7mm x 37.7mm, BQFP-196	37.7	1.48"	37.7	1.48"
HTN-QF208	Nozzle 29.8mm x 29.8mm, QFP-208	29.8	1.17"	29.8	1.17"



### Nozzles - SOIC, TSOP

Part Number	Description	A		B	
		MM	IN.	MM	IN.
HTN-SC16	Nozzle 6.8mm x 10.2mm, SOIC 14, 16	6.8	0.27"	10.2	0.40"
HTN-SL16	Nozzle 10.6mm x 10.8mm, SOL 14, 16	10.6	0.42"	10.8	0.43"
HTN-SL20	Nozzle 10.6mm x 13.3mm, SOL 20, 20J	10.6	0.42"	13.3	0.52"
HTN-SL24	Nozzle 10.6mm x 15.9mm, SOL 24, 24J	10.6	0.42"	15.9	0.63"
HTN-SL28	Nozzle 10.6mm x 18.4mm, SOL 28	10.6	0.42"	18.4	0.72"
HTN-SL44	Nozzle 16.0mm x 27.9mm, SOL 44	16.0	0.63"	27.9	1.10"
HTN-SJ32	Nozzle 13.5mm x 20.6mm, SOJ 32	13.5	0.53"	20.6	0.81"
HTN-SJ40	Nozzle 13.5mm x 25.4mm, SOJ 40	13.5	0.53"	25.4	1.00"
HTN-TS24	Nozzle 17.0mm x 7.1mm, TSOP 20-24 PIN	17.0	0.67"	7.1	0.28"
HTN-TS32	Nozzle 21.0mm x 9.1mm, TSOP 28-32 PIN	21.0	0.83"	9.1	0.36"
HTN-TS40	Nozzle 21.0mm x 10.8, TSOP 40 PIN	21.0	0.83"	10.8	0.43"
HTN-TS48	Nozzle 21.0mm x 13.3mm, TSOP 48 PIN	21.0	0.83"	13.3	0.52"
HTN-TS24B	Nozzle 10.2mm x 18.4mm, TSOP 20-24 PIN	10.2	0.40"	18.4	0.72"
HTN-TS44	Nozzle 12.7mm x 19.8mm, TSOP 24-28/40-44 PIN	12.7	0.50"	19.8	0.78"



### Nozzles - BGA

Part Number	Description	A		B	
		MM	IN.	MM	IN.
HTN-B1010	Nozzle 10.0mm x 10.0mm	10.0	0.39"	10.0	0.39"
HTN-B1313	Nozzle 13.0mm x 13.0mm	13.0	0.51"	13.0	0.51"
HTN-B1616	Nozzle 16.0mm x 16.0mm	16.0	0.63"	16.0	0.63"
HTN-B1919	Nozzle 19.0mm x 19.0mm	19.0	0.75"	19.0	0.75"
HTN-B2828	Nozzle 28.0mm x 28.0mm	28.0	1.10"	28.0	1.10"
HTN-B3030	Nozzle 30.0mm x 30.0mm	30.0	1.18"	30.0	1.18"
HTN-B3232	Nozzle 32.0mm x 32.0mm	32.0	1.26"	32.0	1.26"
HTN-B3636	Nozzle 36.0mm x 36.0mm	36.0	1.42"	36.0	1.42"
HTN-B3939	Nozzle 39.0mm x 39.0mm	39.0	1.54"	39.0	1.54"
HTN-B4141	Nozzle 41.0mm x 41.0mm	41.0	1.61"	41.0	1.61"
HTN-B4343	Nozzle 43.0mm x 43.0mm	43.0	1.69"	43.0	1.69"
HTN-B4545	Nozzle 45.0mm x 45.0mm	45.0	1.77"	45.0	1.77"

