

HCT2-120 Digital Hot Air Pencil

Applications

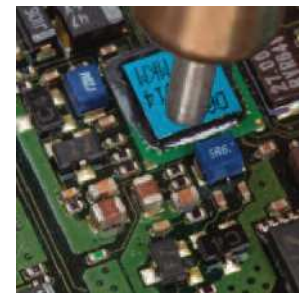
The HCT2-120 was developed for very small surface mount component sizes (1206's and smaller) and low board densities. For denser PCBA's or applications with heavy copper planes; boards >4 layers; or components larger than 5mm², use of a Metcal preheater (see pages 51 and 52) may be necessary.



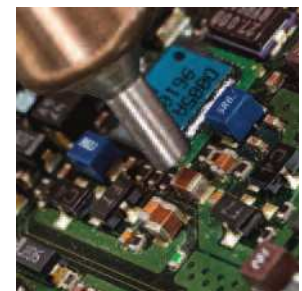
Part No.	Description
HCT2-120	Digital Hot Air Pencil
Includes:	
HCT-HTR120	1 120W Easy Change Heater
HN-120KIT-6	2 Pack of 6 nozzles (1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5 mm and 4.0 mm)
HCT-WS120	3 Workstand with nozzle holder
AC-CP2	Heatproof nozzle removal pad



SOICs



0201s



1210s

Technical Specifications

Ambient Operating Temperature	10 to 40°C
Input Line Voltage	100 – 240 VAC, grounded circuit
Input Frequency	50/60 Hz
Rated Power	75W
Air Flow	1.5 – 7.0 LPM
Noise Level	Typically under 52dBA at max airflow
Output Temperature Range	100°-450°C
Temperature Stability	10% of display value (> 250°C)
Certifications / Markings	cNRTLus, CE, RoHS + WEEE
Surface Resistivity	105 Ω -109 Ω /sq
Power Supply Dimensions w x d x h	10.6 cm (4.2") x 21.3 cm (8.4") x 17.0cm (6.7")
Workstand Dimensions w x d x h	7.6 cm (3.0") x 16.8 cm (6.6") x 8.6 cm (3.4")
Weight of the Power Supply	5.8 lbs. (2.63 kg)
Weight of the Workstand	0.9 lbs. (.4 kg)