

HCT-900 Handheld Convection Tool

Nozzle Selection

The HCT-900 is supplied with a standard single jet H-D50 (0.2", 5.0mm) nozzle. In addition, two rework nozzle kits, predefined for specific applications, are available, as well as a full selection of nozzles.



NZKT-1	Nozzle Kit for Chip Resistors, SOIC & TSOP Packages. Includes (one each): <ul style="list-style-type: none"> • H-D25 • H-SL16 • H-SL28 • H-SOJ40 • H-TS48
NZKT-2	Nozzle Kit for PLCC, QFP & BQFP packages. Includes (one each): <ul style="list-style-type: none"> • H-P20 • H-P44 • H-P84 • H-Q1420 • H-Q2626

	Model	Chip Type	A mm (in)	B mm (in)
	H-P20	PLCC-20	11.9 (0.47")	11.9 (0.46")
	H-P28	PLCC-28	14.5 (0.57")	14.5 (0.57")
	H-P32	PLCC-32	16.9 (0.67")	14.3 (0.56")
	H-P44	PLCC-44	19.5 (0.77")	19.5 (0.77")
	H-P52	PLCC-52	21.0 (0.83")	21.0 (0.83")
	H-P68	PLCC-68	27.1 (1.07")	27.1 (1.07")
	H-P84	PLCC-84	32.4 (1.28")	32.4 (1.28")
	H-Q07	QFP-48	8.4 (0.33")	8.4 (0.33")
	H-Q10	QFP-44	13.4 (0.53")	13.4 (0.53")
	H-Q14	QFP-52,80	17.3 (0.68")	17.3 (0.68")
	H-Q1420	QFP-64,80,100	23.4 (0.92")	18.1 (0.71")
	H-Q28	QFP-120,128,144,160	31.2 (1.23")	31.2 (1.23")
	H-BQ23	BQFP-100	22.4 (0.88")	22.4 (0.88")
	H-Q3232	QFP-240	34.5 (1.36")	34.5 (1.36")
H-BQ38	BQFP-196	37.7 (1.48")	37.7 (1.48")	
H-Q2626	QFP-208	29.8 (1.17")	29.8 (1.17")	
	H-S16	SOIC 14,16	6.8 (0.27")	10.2 (0.4")
	H-SL16	SOL 14,16	10.6 (0.41")	10.8 (0.43")
	H-SL20	SOL 20,20J	10.6 (0.41")	13.3 (0.52")
	H-SL24	SOL 24,24J	10.6 (0.41")	15.9 (0.63")
	H-SL28	SOL 28	10.6 (0.41")	18.4 (0.72")
	H-SL44	SOL 44	16.0 (0.41")	27.9 (1.1")
	H-SOJ32	SOJ 32	13.5 (0.53")	20.6 (0.81")
	H-SOJ40	SOJ 40	13.5 (0.53")	25.4 (1.0")
	H-TS24	TSOP 20-24	17.0 (0.67")	7.1 (0.28")
	H-TS32	TSOP 28-32	21.0 (0.83")	9.1 (0.36")
	H-TS40	TSOP 40	21.0 (0.83")	10.8 (0.43")
	H-TS48	TSOP 48	21.0 (0.83")	13.3 (0.52")
	H-TSW24	TSOP 20-24	10.2 (0.4")	18.4 (0.72")
	H-TSW44	TSOP 24-28/40-44	12.7 (0.5")	19.8 (1.78")
	Model	ø A		
	H-D25	2.5 mm (0.1")		
	H-D50	5.0 mm (0.2")		
	H-D120	12.0 mm (0.47")		

Technical Specifications

Input Line Voltage	230 V HCT-900-21 / 115V HCT-900-11
Power	320 W
Air Pump Type	Diaphragm
Air Flow	6-25 l/min
Control Temperature	100°C - 500°C (212°F - 932°F)
Dimensions (L x W x H)	210 x 170 x 140 mm (8.7" x 6.7" x 5.5")
Noise Level	Less than 46 dBA
Surface Resistivity	Unit: 10 ⁵ Ω - 10 ⁶ Ω. Hand-piece & tube: 10 ⁷ Ω - 10 ¹¹ Ω
Weight	4.7Kg (10.4 lbs)
Certification / Approvals	cTUVus, CE