

HCT-1000 Programmable Hand Held Convection Tool



The HCT-1000 is a fully Programmable Hand Held Convection Tool offering **fast and easy removal and placement of SMT components.**

The HCT-1000 stands out as a versatile convection rework tool. It can be used on its own or as part of the MRS-1100A Modular Rework System for more complex applications.

The system comes equipped with a 5mm nozzle and nozzle adapter. In addition, a wide range of nozzles are available.

Key Features & Benefits

- ▶ Integrated vacuum pickup for easy component removal
- ▶ Profile creation for operator repeatability and storage for up to 50 user defined profiles
- ▶ Manual mode for quick setup
- ▶ External thermocouple for process setup and verification
- ▶ Hand-piece controls for heater and vacuum
- ▶ Programmable, digitally controlled airflow for repeatable results
- ▶ Multiple modes of operation: manual, 4 zone heating (with the MRS-1100A System)
- ▶ The HCT-1000 is connected to the PCT-1000 via a cable when used as part of the MRS System
- ▶ May be used with ATH-1100A Adjustable Tool Holder

Technical Specifications

Size	229 x 178 x 152mm (9" x 7" x 6")
Weight	5.4kg (12 lbs.)
Rated Power	600 W
Input Voltage	100-240 VAC, 50/60 Hz
Storage	0°C to 50°C Temperature (32°F to 122°F)
Air Flow	5-25 l/minute
Source Temperature Range	Up to 450°C (840°F)
Vacuum Pump	15" Hg (381mm Hg)
Noise Level	<55 dBA

Part No.	Description
HCT-1000	Programmable Hand Held Convection Tool
Includes:	
HCT-PS1000	HCT-1000 Power Supply
HCT-HV1	Hand-piece with integral vacuum, cord and connector
HCTA-VC-KIT	Vacuum Cup kit, one of each * (see below)
HCTA-TH1	Hand-piece Tool Holder
HNA-1	Nozzle Adapter
HCTA-NW1	Nozzle Wrench
AC-TCK-36-36	Thermocouple 36 AWG, pack of 2
HCTA-CC	Communications Cable 4ft
HN-J0005	5mm Ø nozzle

Accessories

HCT-FS2 1	Footswitch, Dual, HCT-1000
HCT-HTRASSY	Heater Assembly
AC-TCK-40-36	Thermocouple 40 AWG, pack of 2
HCTA-VC50-5 *	Vacuum Cup, 3/16" (5.00mm), pack of 5
HCTA-VC64-5 *	Vacuum Cup, 1/4" (6.4mm), pack of 5
HCTA-VC80-5 *	Vacuum Cup, 5/16" (8mm), pack of 5
HCTA-VC11-5 *	Vacuum Cup, 7/16" (11mm), pack of 5

