

Ordering Guide

for Hot Air Heater Tools



CV-1981MK2/CV1983

Portable hot air heater



The CV-1981-MK2 and the CV-1983 Thermoguns are robust, double insulated, heavy duty hot air tools.

A motor driven fan forces air through the heating element which is enclosed in a stainless steel barrel and safety guard. The thermoguns are fitted with a Triac Power Control which varies power to the element by means of a control knob situated at the rear of the gun. Hence output temperature is adjusted in this way. Output wattage is therefore variable. An integral stand allows the CV-1981-MK2, and the CV-1983 to be used as a bench mounted tool. The thermogun is available in a variety of models, and is suited

to a wide range of heat shrink applications.

The various push on reflectors of the PR series are easily and quickly attached to the gun, allowing use with a wide range of heat shrink products. These reflectors can be found on flier ref: TFAE0039. The CV-1983 has a bigger wattage element, and so a larger barrel. It therefore pushes through more air, as larger diameter results in greater airflow. The same temperatures are reached as the CV-1981-MK2. The CV-1983 would be used for larger tubing and moulded parts. To use the PR range of reflectors with the CV-1983 it is necessary to order a barrel adaptor.

Technical specification

Electrical Supply-CV-1981-MK2/CV-1983	230 V 120V
Power Consumption-CV-1981-MK2	1600W
Power Consumption-CV-1983	2260W/3060W
Total System Noise-CV-1981-MK2	65dB
Total System Noise-CV-1983	65dB
Length-CV-1981-MK2	340mm
Length-CV-1983	320mm
Weight-CV-1981-MK2	1.3 kg
Weight-CV-1983	1.5 kg
Air Flow-CV-1981-MK2	Max 230 l/min
Air Flow-CV-1983	Max 500 l/min

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Product range

All dual wall, single wall and moulded parts products.

Various devices products.

For other Tyco Electronics products discuss with product management.

Ordering information		
	Description	Tyco Electronics PCN
Equipment		
CV-1981-MK2	CV-1981-120V1600W-CANMK2	A42716-000
	CV-1981-120V1600W-UKMK2	E95798-000
	CV-1981-230V1600WMK2	813914-000
	CV-1981-230V1600W-SEVMK2	F25836-000
	CV-1981-230V1600W-UKMK2	340970-000
CV-1983	CV-1983-110V-2260W-UK	441753-000
	CV-1983-220V-2260W	773898-000
	CV-1983-220V-2260W-UK	985426-000
	CV-1983-220V-3060W	538361-000
	CV-1983-220V-3060W-UK	231866-000
CV-1983 Barrel Adaptor	AD-1962	989172-000

Reflector selection guide		
Product range/ordering information	Description	PCN
Tubing from 6 mm to 25 mm diameter	PR-12	991973-00
Tubing up to 6 mm diameter	PR-13	991963-000
Large Solder Sleeve terminations	PR-13C	991974-000
Long lengths of tubing up to 25 mm diameter	PR-21	991984-000
Small moulded parts and tubing from 25 mm to 35 mm diameter	PR-24	991964-000
Moulded parts and tubing from 35 mm to 60 mm diameter	PR-24A	001989-000
Solder Sleeve terminations up to 7 mm diameter	PR-25	991965-000
Large Solder Sleeve terminations From 7 mm to 13 mm	PR-25D	989523-000
Miniature Solder Sleeve terminations and small products	PR-26	991967-000
Solder Sleeve terminations from 20 mm to 27 mm diameter	PR-33	997768-000
Solder Sleeve terminations from 12 mm to 20 mm diameter	PR-34	989111-000
Special narrow reflector for moulded part transitions (21.5 x 3.5 mm nozzle)	PR-51	113069-000

HL2010E

Low cost hand held heater



The HL2010E hot air heater is designed to work with a standard line voltage (230V) on a wide variety of Tyco Electronics heat-shrinkable products. This tool is suitable for occasional use and is not recommended for applications requiring high duty cycles.

The tool supplies forced hot air with an adjustable heat setting to meet the requirements of many different installation situations. A three-position switch controls the air flow (150/300/500 l/min).

The HL2010E tool is switched on and off at the three-stage switch and the temperature can be continuously adjusted over a range of 50°C - -630°C by the pushbuttons. The temperature can be increased or reduced by 10°C steps. An LCD display shows the actual temperature.

Furthermore it requires only two reflectors to cover most applications of heat-shrinkable tubing and SolderSleeve terminations.

There is an adaptor available, which allows the use of PR type reflectors.

Technical specifications

Voltage	230V AC
Power	2000W
Air flow	150-500 l/min
Weight	920g
Length	280mm
Noise	<70dB

Ordering information

Product	Description	PCN
HL2010E-230V tool	HL2010E-230V-Euro	C99451-000
	HL2010E-230V-UK	A22932-000
	HL2010E-Kit-230V-Euro	A23120-000

Reflector selection guide

HL1802E-074616-SolderSleeve terminators reflector	832011-000
HL1802E-070519-heat-shrinkable tubings reflector	022611-000
HL1802E-070618, 9mm adaptor	930321-000
HL1802E-070717, 14mm reduction nozzle	868259-000
HL1802E-070816, 20mm reduction nozzle	613361-000
HL1802E-ADAPT-PR-adaptor for PR series reflector	444817-000
HL1802E-bench-std	717083-000

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