

COSTECH **HEAT GUNS**

- * Specially developed for industrial uses *
- Safe and simple to use *
- Rugged reliable and longlasting *
- * A choice of single and dual heat guns 110V or 240V *
- * Temperatures up to 600° *
- Made in England *



Why Industry Chooses Costech

- ★ A big range of 11 heat guns with temperatures ranging from 75°C to a genuine 600°C.
- ★ Five heat guns incorporate a dual heat feature, enabling operator to double heat required at the flick of a switch.
- ★ All blow cold air as well as hot. If used correctly, this feature ensures longlife of heating elements.
- ★ Two-switch operation for simplicity of use.
- ★ Ruggedly made to withstand shocks and resist acid.
- ★ All available in either 110V or 240V.

Heat you can Handle

The Costech heat gun range is the undisputed industrial leader.

It was specially developed for industry and over the years it has been steadily improved to meet our customers' most exacting requirements.

Simplicity of operation was one of these: with a Costech it is very difficult to make a mistake.

Reliability was another: Costech's give service for years.

Strength was wanted: easy maintenance, and a prompt and helpful back-up service.

Today, Costech heat guns are at work in factories, laboratories, workshops and garages throughout the world.

Application and Temperature Guide

Welding - PVC covers, Plastics, polypropylene pipes, tanks, Plastazote. Heat required 200°C-400°C.

Bending - fibre glass, Perspex, plastics, polythene, PVC, resins, rubber, veneers, Vinyl. Heat required 300°C+.

Shrinking - irradiated silicone, neoprene, PVC, irradiated PVC and Butyl, Irradlated polyolefin, Teflon, PTFE, TFE. Heat required 125°C-325°C.

Soldering - fine wires and components, copper pipe fittings. Heat required 500°C.

Stripping - paint, plastics, polish, varnish. Heat required 300°C+.

Boiling - glues, liquids, catalytic actions, chemical solutions. Heat required 200°C-300°C.

Melting - wax, adhesives, glue joints, resins, rubber. Heat required 100°C.

Softening - bitumen, bonding agents, flashing, paints, plastics, PVC. Heat required 200°C.

Drying - building materials, chemicals, coatings, crystals, fabrics, inks, leather. Heat required 75°C-150°C.

Curing - adhesives, resins. Heat required 150°C.

Forming - moulds, plastic packaging materials, valve seating, Plastazote splints. Heat required 200°C+.

Liquefying - bitumen, chemicals, oil, spray coatings, waxes. Heat required 200°C-300°C.

Laboratory uses - chromatography, concentrations, radio chemicals, sterilising, evaporating solvents. Heat required 75°C+.

NB: All temperatures mentioned above are approximate. When deciding on a heat gun, users should select one with a temperature slightly higher than those mentioned above since there is always a loss of heat between nozzle and subject material.

Gun Model	Wattage	Max Temp without Nozzle Adaptor Degrees C*	Max Temp with Nozzle Adaptor Degrees C*	Motor Speed rpm approx	Air Velocity feet per minute approx
Single Heat					
S75	200	75	N/A	9500	2000
S100	300	100	N/A		
S200	500	200	250		
S300	800	300	375		
S400	1100	400	500		
S500	1400	500	600		
Dual Heat					
D75/150	400	75 + 150	N/A	9500	2000
D100/200	500	100 + 200	N/A		
D150/300	800	150 + 300	188 + 375		
D200/400	1100	200 + 400	250 + 500		
D250/500	1400	250 + 500	300 + 600		

All models available in 110V or 240V

* After a period of continuous use temperatures will be slightly higher. Special applications on request.

General Specifications

All Costech heat guns provide a blast of both hot and cold air.

The D-range provides a choice of two heat levels (as well as cold).

All heating elements are ceramic.

Motor housing and handle moulded in two halves in ICI Maranyl glass fibre reinforced Nylon 66.

Nozzles in bright chrome fitted with guard and end baffle.

Standard cable: length three metres, diameter .75mm, three core, moulded 13 amp plug standard (240V ONLY).

50 Watt universal motor.

Accessories are available for many applications including a stand and a variety of nozzles.

Smooth air flow and high temperature stability.

All Costech guns are fully suppressed.

Safety Features

Costech's ICI Maranyl bodies guarantee high resistance to impact and chemicals.

Furthermore, Maranyl has excellent insulation properties.

The ceramic elements are separately insulated.

The barrel is protected by a guard.

Safety cut-out operates to protect the motor.

240V guns have sealed fused 13 Amp plugs.

All guns are available in 110V.

Simplicity of Operation

With only two control switches Costech heat guns are so simple to operate. Since the heat is not adjustable on the basic Costech heat gun, the temperature cannot be varied by mistake.

For heat both switches are pressed.

The high temperature on the dual heat range is selected by pressing up on the rocker switch control.

When heat control is switched off only cold air is produced.



Accessories

Stand - for bench and wall mounting

Deflector nozzle - for shrink sleeving, softening of polypropylene pipes and copper joints

Reducer nozzle - for concentrating air flow

Fin tail nozzle - for bending Perspex, Plastazote, paint stripping and welding such items as PVC covers, conveyor belts, etc.

Spot nozzle - for repairs and welding

Glass Reflector nozzle - for paint stripping

Easy maintenance

Costech heat guns need the minimum of maintenance.

The long-life ceramic elements in Costech heat guns can easily be replaced. First the nozzle housing is removed by loosening three screws, and then the element is simply plugged in and the nozzle housing replaced.

The universal motor uses carbon brushes which have a running time of about 400 hours. These, too, are replaceable.

Because Costech guns are so robustly made, are insulated and have safety cut-outs, there is little that can go wrong. Many of our original guns are functioning in industry today as well as they did 25 years ago.

If there are any problems, just contact our technical department.

Technical Department

Our technical department at Network House is just a telephone call away.

Contact it if you need advice on any aspect of heat gun use: applications, temperatures, maintenance or whatever.



Ready Parts Supply

Because the Costech heat gun is British made, we guarantee a prompt spare parts supply service.

Since our customers are from many sides of industry and commerce we know just how expensive breakdowns can be.

For this reason we carry plentiful stocks of all spare parts at Network House these can be despatched within 24 hours.

Costech Customers

Costech heat gun customers include all the big names: AWE, British Aerospace, British American Tobacco, BNFL, BP, CEGB, Cow and Gate, Cyanamid, Dunlop, Fisons, Ford, GEC, Glaxo, Hoechst, ICI, Jaguar, Lucas, Metal Box, MoD, Parker Pen, Plessey, Schweppes, UKAEA, Unilever.

Guarantee

Based on 25 years experience MAR Equipment Limited has total confidence in its Costech heat guns. The company guarantee all heat guns against faulty materials and workmanship for 12 months. This product has been tested in our workshop providing optimum performance and conforming to CE regulations.

