



EQUIPMENT

Work Tubes

Various ceramic and quartz work tubes are available 'off the shelf' with a selection of inside diameters and length. Temperature ranges from 1200°C to 1800°C.



Work Baskets

We produce bespoke Stainless and Mild Steel work baskets to any size and specification for heat treatment procedures (hardening and tempering up to 1100°C)



Gas Tight Ends

Stainless steel gas tight ends create a tight seal around a work tube allowing an inert gas to be introduced to the tube. Because of the seal it is possible to carefully control the level of gas in the chamber without risk of it escaping into the atmosphere. This keeps operators safer and keeps gas expenditure low. Also available with our gas tight ends is a gland for a thermocouple probe.



Heating Elements

At our main manufacturing facility in Chesterfield, UK we hold a large stock resistance wire, silicon carbide and Molybdenum Disilicide elements of numerous, lengths, power and size. Any we don't have, we can get. Vecstar also provide a quick turn around for special elements for all other makes of furnaces and ovens.



Thermocouples

All types of thermocouples can be provided. We can also supply calibration certificated at up to 3 points supplied by an independent UKAS/NAMAS accredited laboratory, traceable to UK national standard.



Insulation Plugs

Ceramic insulating plugs to prevent heat loss and improve uniformity in tube furnaces. We can provide Insulation Plugs to fit any size of ceramic work tube.



Flow Metres

Inert gas flow meters (typical gases would be nitrogen or argon) with needle valve for adjustment.



Controllers

Here at Vecstar we can supply any controllers from all the major manufacturers. For advice and pricing please get in touch.



ABOUT VECSTAR

We build furnaces, ovens and hot plates for industry, laboratories and educational institutions. During the 30+ years Vecstar have been established, a comprehensive range of advanced electric heating equipment has been developed.

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