

PWHT - LOW VOLTAGE

UNIT WITH PID CONTROL PANEL



SVK Electronics
NDT Systems & Solutions

✉ info@svkelectronics.com



www.svkelectronics.com

The PWHT Unit is Designed with Quality Switch Gears to be used to



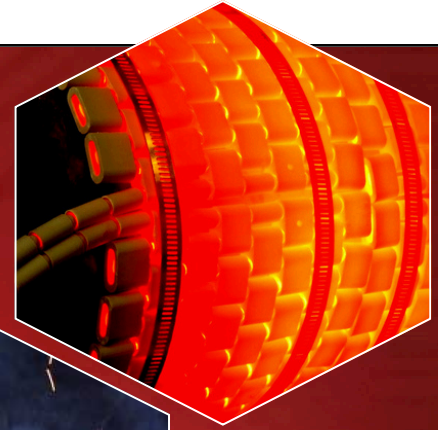
Optimal Capacity



Easy Onsite Maintenance



Global Support



PWHT - Low Voltage

The 75 KVA heat treatment unit has been robustly constructed to power electrical resistance heaters at 60 volts, which is suitable for site and shop work. It is specially designed for localized pre- and post-weld heat treatment using electrical resistance.

The Output from the unit is split into six individual heating circuits for temperature control. Each output circuit has 10.8 kW of power, which is sufficient capacity for 4 standard ceramic pads rated at 2.7 kW, a total of 24 standard ceramic heating pads can be connected to one unit.

Each of the six circuits may be controlled individually using either energy regulators in manual mode or PID controllers in automatic mode to gain control over rates of heating and cooling as well as soak conditions.

Features

- Copper Transformer designed for full load capacity usage
- Standard Twist Camlocks supplied for better contacts and safety
- Input Cable: 5 meters long 4 core 25 sqmm Cable
- External Auto Programmer can be integrated
- Designed for natural Cooling
- Class H Insulation
- Efficient single-pole switching device for better and longer operation
- Castor Wheel for transportation on rough and rugged surfaces
- Auxiliary sockets of 110 V or 230 V

Specifications

Electrical rating	75 KVA	Protection	Overload-3-phase MCCB.		
Capacity	24x2.7kW 60V Ceramic heaters	Output Connector	12x300 Amp Panel Mounted Camlock 3 sockets x 230V or 110V AC with fuses. Optional Bulgin 7pin Auto Programmer		
Transformer	Air Cooled, Class H insulation	Modes	Manual / Automatic		
Primary Supply	380V / 415V /440V, 3Phase, 50 Hz	Program Controller	Standard 6 PIDs, Optional: Master Slave, Auto Programmer		
Input Current	Max Approximate 96A	Weight	350 K.G.		
Input Cable	4 core 25sqmm, 5mtr long cable	Dimention	LENGTH	WIDTH	HEIGHT
Switching	Albright Contactors		970 MM	580 MM	945 MM
Output	65 Volts				

PWHT Accessories and Consumables



Nicrome Wire



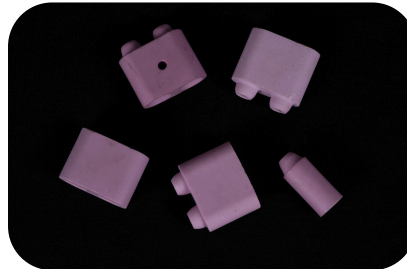
Triple Cable Set



Compensating Cable



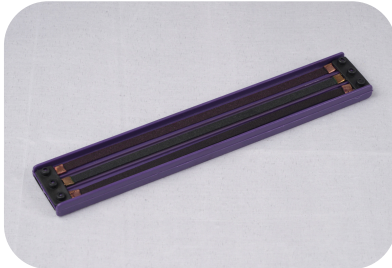
Splitter Cable



Beads



Camlock Accessories



Ribbon

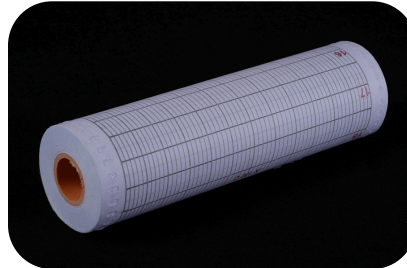
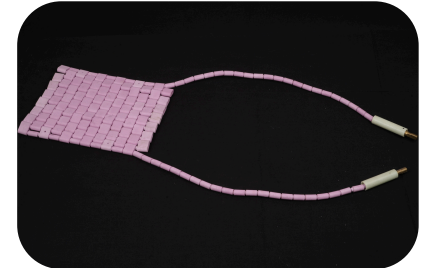


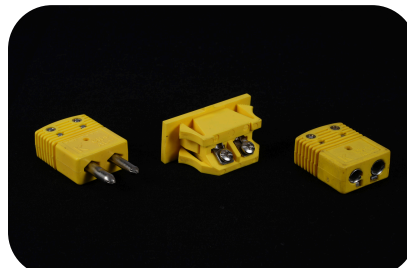
Chart Roll



Flexible Ceramic Pad Heater



Thermocouple Wire 800c
K type



Thermocouple Plugs, Sockets,
Panel Mounted Sockets



Thermocouple Attachment Unit
230V/110V