



P W H T SOLUTIONS PVT LTD

ESTD 1980, 2008 CERTIFIED

## Greetings from PWHT Solutions pvt ltd

PWHT Solutions Private Limited established in 2010 has emerged as a leading manufacturer and Distributor of Post Weld Heat Treatment. We are renowned for our wide range of products which include Post Weld Heat Treatment, Stress Relieving and Internal and External Oil Firing. Our products are known for their excellent performance, high efficiency and low maintenance. Our capabilities provide assurance to our customers that we can address virtually every possible heat treatment process regardless of temperature and application. Conveyed under the course of skilled engineers, these introduced items are broadly acclaimed and acknowledged for their preciseness, durability, and unwavering quality. Moreover, we are also engaged in providing Electric Furnace Service to the customers at affordable prices. Our ethical business practices and customer-centric approach has won us accolades from our esteemed clientele. With state-of-the-art facilities and dedicated professionals, we are poised to deliver international standard quality products at the most affordable rates.



Low Voltage Heat Treatment Unit and its accessories in universal competitive price.

Thanks for spending your valuable time with us.

Contact: PWHT Solutions pvt ltd, #68/4, Vanagaram Service Road, Madhuravoyal, Thiruvallur-dt Chennai(INDIA)-600095 | International Sales: +919043660755 |

Domestic Sales: +919042060755 | Technical Support: +919043060755

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## 50 KVA LOW VOLTAGE HEAT TREATMENT UNIT

**PRODUCT ID: PS7001**



The 50 kVA heat treatment unit has been robustly constructed to provide power to electrical resistance heaters at 60 volts, suitable for site and shop working. The output from the unit is split into six individual heating circuits for temperature control. Each output circuit has 8.3 kW of power, which is sufficient capacity for three standard ceramic pads rated at 2.7 kW and connected in parallel.

There are 3 operational methods of heat control; fully-integrated individual programmers, an external programmer for all channels, and individual proportional energy regulators. Sufficient for 3 ceramic heater pads per channel, this mobile unit is suitable for both site or fabrication shop use.

Dimensions	740L x 710 W x 800H mm
Weight:	343kg
Primary	415v
Secondary	65v 270A per phase
Cooling	Natural Air Cooling
Insulation	Class H
Protection	MCB shunt trip
Contactors	110v single pole, 180A
Manual set	6 x energy regulators
Auto set	6 x Fuji programmers
Remote	2 x 110v Aux sockets
Rating	100% to 35°C

### PRICE

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## 65 KVA LOW VOLTAGE HEAT TREATMENT UNIT

**PRODUCT ID: PS7002**



The 65 kVA heat treatment unit has been robustly constructed to provide power to electrical resistance heaters at 60 volts, suitable for site and shop working. 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 four standard ceramic pads rated at 2.7 kW and connected in parallel.

There are 3 operational methods of heat control; fully-integrated individual programmers, an external programmer for all channels, and individual proportional energy regulators. Sufficient for 4 ceramic heater pads per channel, this mobile unit is suitable for both site or fabrication shop use.

Dimensions	740L x 710 W x 800H mm
Weight:	380kg
Primary	415v
Secondary	65v 270A per phase
Cooling	Natural Air Cooling
Insulation	Class H
Protection	MCB shunt trip
Contactors	110v single pole, 180A
Manual set	6 x energy regulators
Auto set	6 x Fuji programmers
Remote	2 x 110v Aux sockets
Rating	100% to 35°C

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## 73 KVA LOW VOLTAGE HEAT TREATMENT UNIT

**PRODUCT ID: PS7003**



The 73 kVA heat treatment unit has been robustly constructed to provide power to electrical resistance heaters at 60 volts, suitable for site and shop working. The output from the unit is split into six individual heating circuits for temperature control. Each output circuit has 12.1 kW of power, which is sufficient capacity for four standard ceramic pads rated at 2.7 kW and connected in parallel.

There are 3 operational methods of heat control; fully-integrated individual programmers, an external programmer for all channels, and individual proportional energy regulators. Sufficient for 4 ceramic heater pads per channel, this mobile unit is suitable for both site or fabrication shop use.

Dimensions	740L x 710 W x 800H mm
Weight:	400kg
Primary	415v
Secondary	65v 270A per phase
Cooling	Natural Air Cooling
Insulation	Class H
Protection	MCB shunt trip
Contactors	110v single pole, 180A
Manual set	6 x energy regulators
Auto set	6 x Fuji programmers
Remote	2 x 110v Aux sockets
Rating	100% to 35°C

**PRICE**

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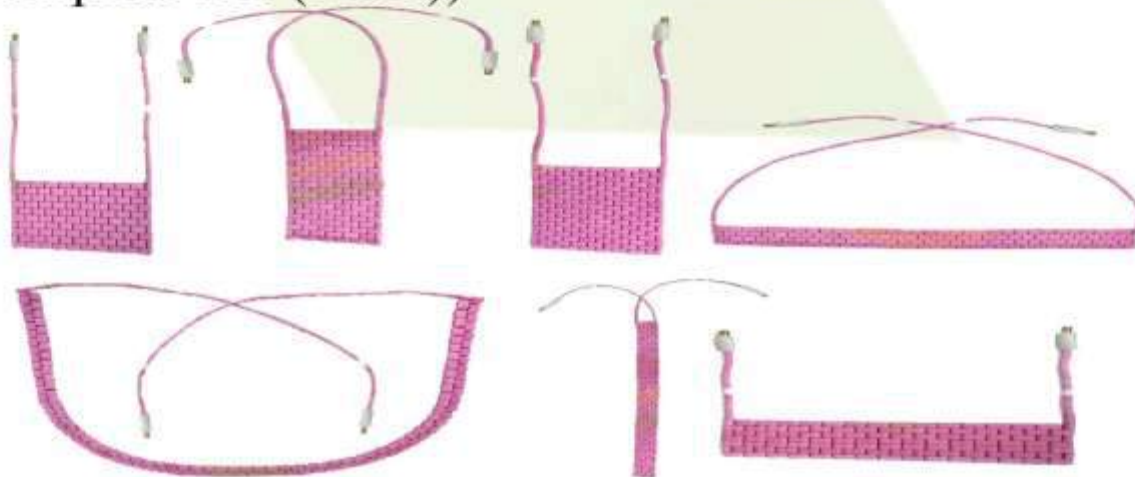
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## Flexible Ceramic Pad Heater

Flexible Ceramic Pad (FCP) heater is manufactured by multi-strand quality 80/20 Nichrome heating wire through passages within interlocking ceramic beads, complete with two electrically insulated camlock, which is protected from being heated by cold pure nickel wire that connects the heating wire. The alumina ceramic beads are made of sintered 95% Alumina Ceramics. It enjoys high temperature resistance, excellent insulating property, and efficient thermal conductivity, which provides FCP heaters with exceptional electrical insulating, and thermal shock resistance and thermal conductivity qualities.

Flexible Ceramic Pad heaters (FCP) are generally available to two standard volts: 80VAC, and 60VAC and using different connectors among different countries, one choice is Brass Camlock Connector, the other choice is Welding Cable Plug (System DINSE).

Flexible Ceramic Pad Heaters are ideal for the pre- and post-heat of welds. Output Capacities of heaters available in 60v (2.7kW) and 80v (3.6kW). It has a maximum working temperature of 1000°C. The Tail Beads and 60A Male Camlock have some additional length. Wires used WI0301 19-strand Nickel-Chrome Wire (80/20) and WI0400 19-strand Nickel Cold Tail Wire. Camlocks used 2 x CA0700 (60A Camlock - Complete Set (Male))



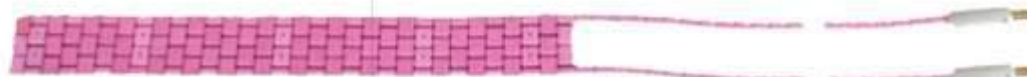


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### Flexible Ceramic Pad Heater-CP3 (60v, 2.7kW)

**PRODUCT ID: PS 7004**



Dimensions of Body	75 H x 660 W x 17 D mm
Length of Tail Bead and Camlock	550mm
Weight	1.8kg

**PRICE**

### Flexible Ceramic Pad Heater-CP4 (60v, 2.7kW)

**PRODUCT ID: PS 7005**



Dimensions of Body	100 H x 495 W x 17 D mm
Length of Tail Bead and Camlock	530mm
Weight	1.8kg

**PRICE**

### Flexible Ceramic Pad Heater-CP6 (60v, 2.7kW)

**PRODUCT ID: PS 7006**



Dimensions of Body	150 H x 330 W x 17 D mm
Length of Tail Bead and Camlock	560mm
Weight	1.8kg

**PRICE**



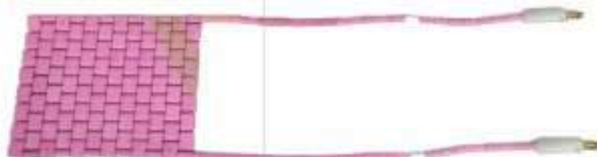


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### Flexible Ceramic Pad Heater-CP8 (60v, 2.7kW)

**PRODUCT ID: PS 7007**



Dimensions of Body	205 H x 250 W x 17 D mm
Length of Tail Bead and Camlock	550mm
Weight	1.9kg

**PRICE**

### Flexible Ceramic Pad Heater-CP10 (60v, 2.7kW)

**PRODUCT ID: PS 7008**



Dimensions of Body	255 H x 205 W x 17 D mm
Length of Tail Bead and Camlock	470mm
Weight	1.9kg

**PRICE**

### Flexible Ceramic Pad Heater-CP12 (60v, 2.7kW)

**PRODUCT ID: PS 7009**



Dimensions of Body	305 H x 165 W x 17 D mm
Length of Tail Bead and Camlock	550mm
Weight	1.9kg

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### Flexible Ceramic Pad Heater-CP15 (60v, 2.7kW)

**PRODUCT ID: PS 7010**

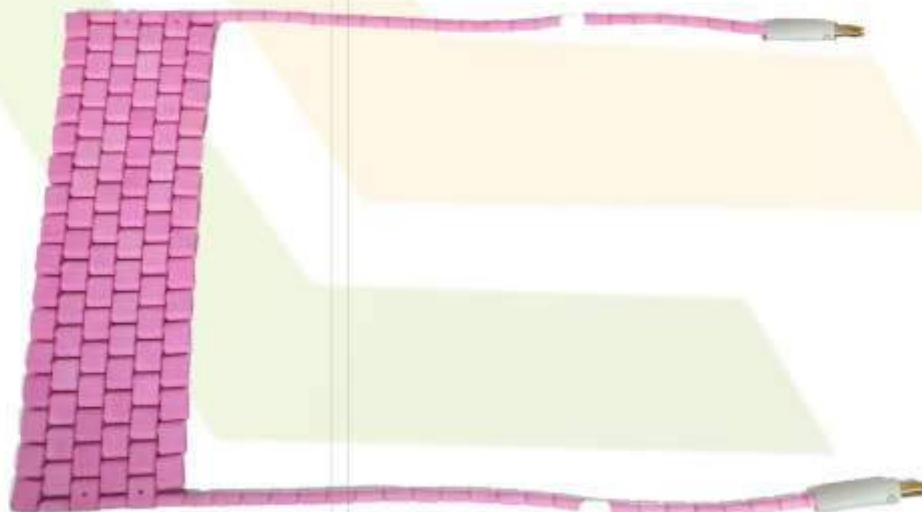


Dimensions of Body	380 H x 145 W x 17 D mm
Length of Tail Bead and Camlock	360mm
Weight	1.9kg

**PRICE**

### Flexible Ceramic Pad Heater-CP16 (60v, 2.7kW)

**PRODUCT ID: PS 7011**



Dimensions of Body	405 H x 125 W x 17 D mm
Length of Tail Bead and Camlock	550mm
Weight	1.8kg

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## Flexible Ceramic Pad Heater-CP21 (60v, 2.7kW)

**PRODUCT ID: PS 7012**



Dimensions of Body	535 H x 100 W x 17 D mm
Length of Tail Bead and Camlock	410mm
Weight	1.9kg

**PRICE**

## Flexible Ceramic Pad Heater-CP24 (60v, 2.7kW)

**PRODUCT ID: PS 7013**



Dimensions of Body	610 H x 85 W x 17 D mm
Length of Tail Bead and Camlock	550mm
Weight	1.8kg

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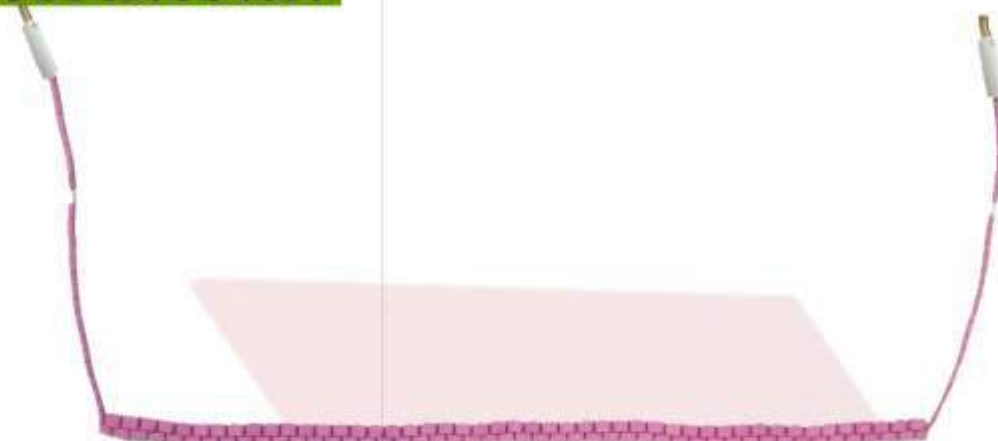


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### Flexible Ceramic Pad Heater-CP48 (60v, 2.7kW)

**PRODUCT ID: PS 7014**

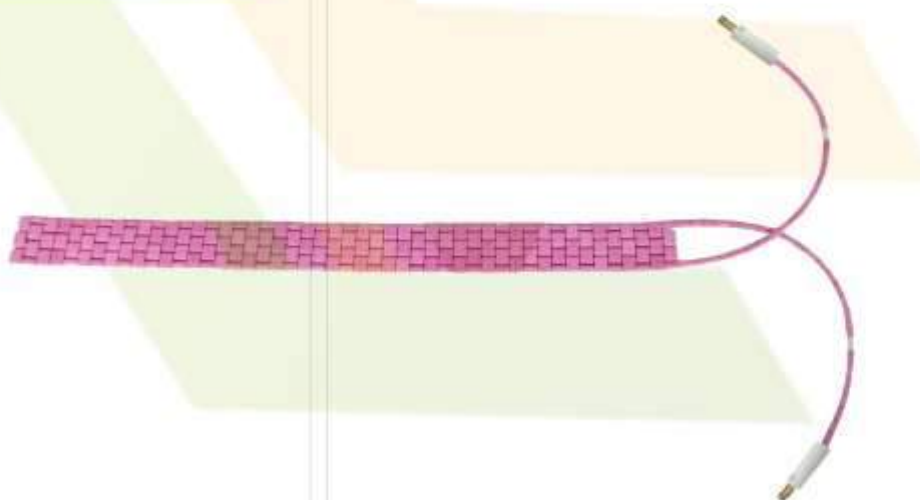


Dimensions of Body	1220 H x 45 W x 17 D mm
Length of Tail Bead and Camlock	600mm
Weight	1.8kg

**PRICE**

### Flexible Ceramic Pad Heater-CP3 (80v, 3.6kW)

**PRODUCT ID: PS 7015**



Dimensions of Body	75 H x 910 W x 17 D mm
Length of Tail Bead and Camlock	610mm
Weight	2.5kg

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### Flexible Ceramic Pad Heater-CP4 (80v, 3.6kW)

**PRODUCT ID: PS 7016**

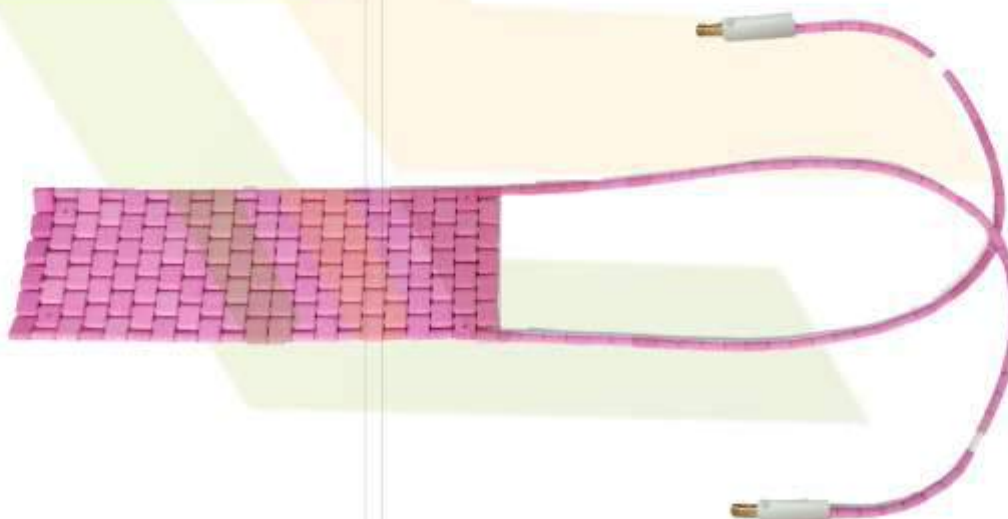


Dimensions of Body	100 H x 680 H x 17 D mm
Length of Tail Bead and Camlock	940mm
Weight	2.5kg

**PRICE**

### Flexible Ceramic Pad Heater-CP6 (80v, 3.6kW)

**PRODUCT ID: PS 7017**



Dimensions of Body	150 H x 450 W x 17 D mm
Length of Tail Bead and Camlock	980mm
Weight	2.5kg

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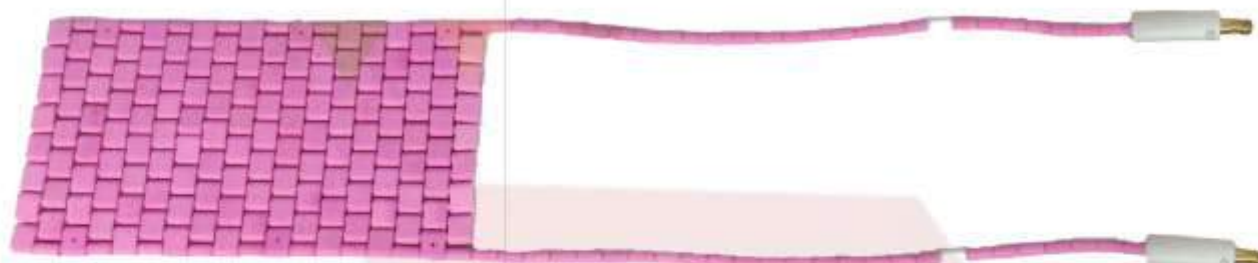


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### Flexible Ceramic Pad Heater-CP8 (80v, 3.6kW)

**PRODUCT ID: PS 7018**

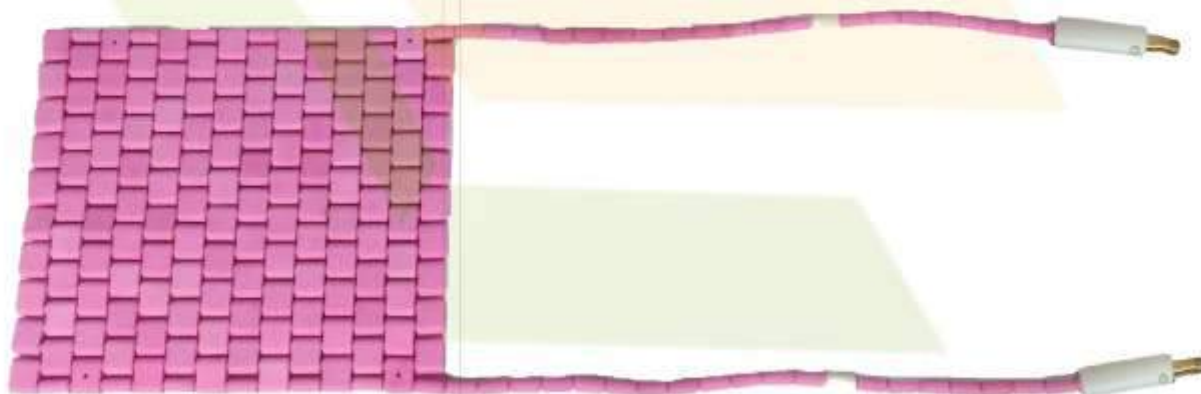


Dimensions of Body	205 H x 350 W x 17 D mm
Length of Tail Bead and Camlock	630mm
Weight	2.6kg

**PRICE**

### Flexible Ceramic Pad Heater-CP10 (80v, 3.6kW)

**PRODUCT ID: PS 7019**



Dimensions of Body	255 H x 290 W x 17 D mm
Length of Tail Bead and Camlock	510mm
Weight	2.5kg

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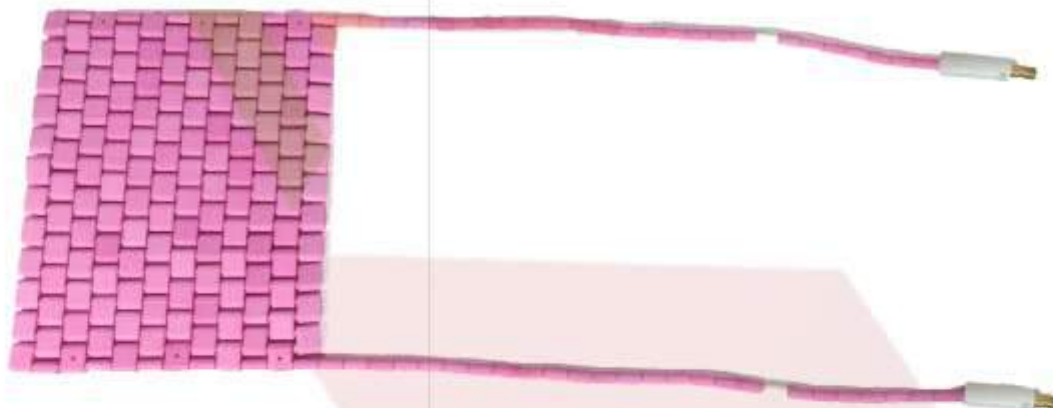


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## Flexible Ceramic Pad Heater-CP12 (80v, 3.6kW)

**PRODUCT ID: PS 7020**

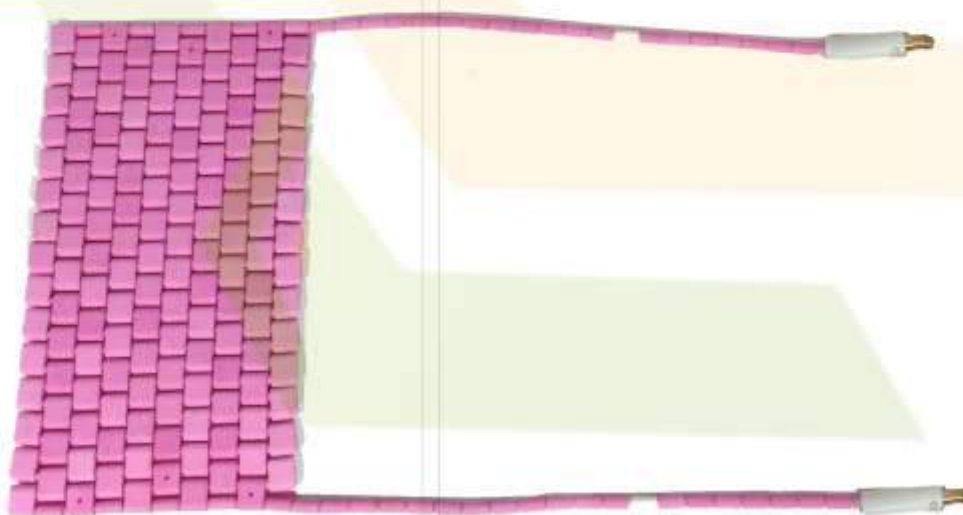


Dimensions of Body	305 H x 230 W x 17 D mm
Length of Tail Bead and Camlock	630mm
Weight	2.6kg

**PRICE**

## Flexible Ceramic Pad Heater-CP15 (80v, 3.6kW)

**PRODUCT ID: PS 7021**



Dimensions of Body	380 H x 185 W x 17 D mm
Length of Tail Bead and Camlock	510mm
Weight	2.5kg

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## Flexible Ceramic Pad Heater-CP17 (80v, 3.6kW)

**PRODUCT ID: PS 7022**



Dimensions of Body	430 H x 165 W x 17 D mm
Length of Tail Bead and Camlock	440mm
Weight	2.7kg

**PRICE**

## Flexible Ceramic Pad Heater-CP21 (80v, 3.6kW)

**PRODUCT ID: PS 7023**



Dimensions of Body	535 H x 145 W x 17 D mm
Length of Tail Bead and Camlock	590mm
Weight	2.6kg

**PRICE**

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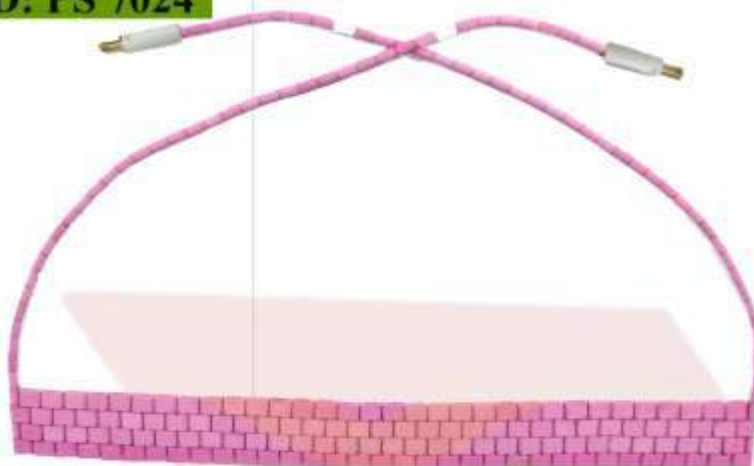


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## Flexible Ceramic Pad Heater-CP33 (80v, 3.6kW)

**PRODUCT ID: PS 7024**

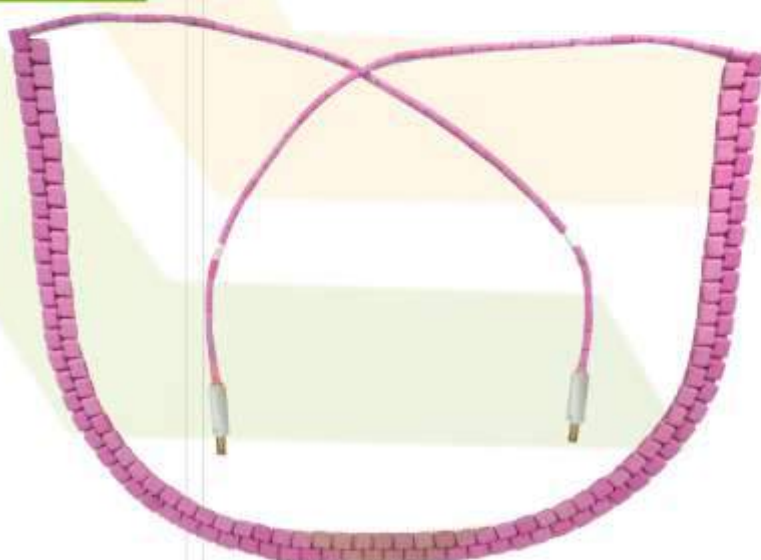


Dimensions of Body	840 H x 85 W x 17 D mm
Length of Tail Bead and Camlock	920mm
Weight	2.5kg

**PRICE**

## Flexible Ceramic Pad Heater-CP66 (80v, 3.6kW)

**PRODUCT ID: PS 7025**



Dimensions of Body	1675 H x 45 W x 17 D mm
Length of Tail Bead and Camlock	920mm
Weight	2.4kg

**PRICE**

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## Splitter Cables

Used to connect heating elements in parallel to Triple Cable Sets and allow for the control of multiple heating elements from one single control output. This allows for accurate zonal temperature control. Measuring 1000mm (1m) in length, Total Length including Camlocks 1080mm. This splitter cable has 300A Camlock - Complete Set (Male) and 60A Camlock - Complete Set (Female). Wire Diameter: 25mm<sup>2</sup>

### 2-way Splitter Cable

**PRODUCT ID: PS 7025**



Used to connect 2 heating elements in parallel to Triple Cable Sets.

Contains	1 x 300A Camlock - Complete Set (Male) and 2 x 60A Camlock - Complete Set (Female)
Materials	WI0901 (1m x 25mm <sup>2</sup> Heater Distribution Cable (double insulated)), 1 x CA0500 (300A Camlock - Complete Set (Male)), 2 x CA0800 (60A Camlock - Complete Set (Female))

**PRICE**





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## 3-way Splitter Cable

**PRODUCT ID: PS 7026**



Used to connect 3 heating elements in parallel to Triple Cable Sets.

Contains	1 x 300A Camlock - Complete Set (Male) and 3 x 60A Camlock - Complete Set (Female)
Materials	WI0901 (1m x 25mm <sup>2</sup> Heater Distribution Cable (double insulated)), 1 x CA0500 (300A Camlock - Complete Set (Male)), 3 x CA0800 (60A Camlock - Complete Set (Female))

**PRICE**

## 4-way Splitter Cable

**PRODUCT ID: PS 7027**



Used to connect 4 heating elements in parallel to Triple Cable Sets.

Contains	1 x 300A Camlock - Complete Set (Male) and 4 x 60A Camlock - Complete Set (Female)
Materials	WI0901 (1m x 25mm <sup>2</sup> Heater Distribution Cable (double insulated)), 1 x CA0500 (300A Camlock - Complete Set (Male)), 4 x CA0800 (60A Camlock - Complete Set (Female))

**PRICE**



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## Triple-Cable Set with Plug & Socket

**PRODUCT ID: PS 7028**



The triple cable set consists of two lengths of heat and oil resistant and flame retardant (HOFR), double insulated copper cable complete with two 300 amp female camlock connectors on one end and two 300 amp male camlock connectors on the other end. Running alongside the copper cable is a length of compensating cable which has a thermocouple plug on one end and a thermocouple socket on the opposite end. – 16mm<sup>2</sup> 135A welding cable, 300A camlock, Type K compensating cable, STD thermocouple connectors 25mm<sup>2</sup> 185A welding cable, 300A camlock, Type K compensating cable, STD thermocouple connectors

Materials: WI0901 (2 sets of 30m x 25mm<sup>2</sup> Heater Distribution Cable (double insulated)), WI0500 (30m x Compensating Cable), 2 x CA0500 (300A Camlock - Complete Set (Male)), 2 x CA0600 (300A Camlock - Complete Set (Female)), 2 x TC0101 (Thermocouple Plug - In Line (Male)) and 2 x TC0102 (Thermocouple Socket - In-Line (Female))

Cable Length	30000mm (30m)
Total Length including Camlocks	3290mm
Weight	22kg

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## Thermocouple Wire, Type K, 2 x 0.65mm NiCr/NiSi

**PRODUCT ID: PS 7029**



Type K thermocouple wire, insulated with high temperature glass braid, is used to convert the thermal energy at the hot junction of thermocouple to an electrical mV signal which can then be used by temperature control and recording instruments to accurately record and control the temperature of the item being heat treated.

Type K – Grade A, Accuracy +/- 1.1°C

Two core conductors insulated by glass-fiber twisted together

Material : 1/0.71mm NiCr & 1/0.71mm NiSi, 1/0.65mm NiCr & 1/0.65mm NiSi.

Max Working Temperature : 700°C

Conforms to Standard : GB/T 2614-2010,

BSEN 60584-2, ASTM E230-1993, ANSI MC96.1-1982,

IEC 584-2:1982

Jacket Colour : Red (-) / Yellow (+), or Green(-) / White (+)

Packing: come in 100m/roll

Materials: 1 x 0.65mm NiCr and 1 x 0.65mm NiSi (22 & 20 gauge-American Brown & Sharpe Standard)

Standards: Conforms with BSEN 60584-2, ASTM E230-1993, ANSI MC96.1-1982, IEC 584-1:1977, IEC 584-2:1982

Dimensions of Roll		120 H x 124 W x 124 D mm
Length of Wire		100m
Wire Dimensions		2pc of 1.6mm H x 1.6mm D
Weight		1.4kg
Maximum Working Temperature		800°C
Colour		Red (-) and Yellow (+)

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## Nickel-Chrome Wire

Nickel-Chrome wire is essential for resistor elements in high temperature applications and operates at temperatures up to 1000°C.

Each roll has 500m length of wire.

Dimensions of Roll: 197 H x 248 W x 248 D mm.

Wire Diameter: 2.83mm



### 19-strand Nickel-Chrome Wire (60/15)

**PRODUCT ID: PS 7030**

This wire has 19 strands and can be used in our Ceramic Heater Pads and Flexible Insulated Preheaters.

Weight	13kg
Materials	60% Nickel, 15% Chrome, 25% Iron
No. of Strands	18 x 0.52mm + 1 x 0.6mm, 19 strands twisted together

**PRICE**

### 19-strand Nickel-Chrome Wire (80/20)

**PRODUCT ID: PS 7031**

This wire has 19 strands and can be used in our Ceramic Heater Pads and Flexible Insulated Preheaters.

Weight	21kg
Materials	80% Nickel, 20% Chrome
No. of Strands	19 x 0.56mm, 19 strands twisted together

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## 37-strand Nickel-Chrome Wire (80/20)

**PRODUCT ID: PS 7032**



This wire has 37 strands and can be used in our Ceramic Heater Pads and Flexible Insulated Preheaters.

Weight	20kg
Materials	80% Nickel, 20% Chrome
No. of Strands	37 x 0.38mm, 37 strands twisted together

**PRICE**

## 19-strand Nickel Cold Tail Wire

**PRODUCT ID: PS 7033**

Cold Tail wire can be either butt welded or crimped together to the Nickel-Chrome Wires using Ferrules. This Nickel Cold Tail Wire has 19 strands and is used in our Ceramic Heater Pads and Flexible Insulated Preheaters.

Weight	28kg
Materials	100% Nickel
Wire Diameter	3.07mm
No. of Strands	18 x 0.61mm + 1 x 0.71mm, 19 strands twisted together

**PRICE**



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## Compensating Cable

**PRODUCT ID: PS 7034**



Compensating cables are designed for interconnection between thermocouple cable and control and recording instrumentation. Suitable for use with Type K Thermocouples. Each roll has 100m length of cable.

Dimensions of Roll	135 H x 200 W x 200 D mm
Length of Cable	100m
Wire Dimensions	4mm H x 6mm D
Weight	4kg
Materials	2 sets of 13 x 0.2mm Copper/Constantan
Colour	Outer Jacket is Red, Inner Jacket is Blue (-) and White (+)

**PRICE**

## 16mm<sup>2</sup> Heater Distribution Cable (double insulated)

**PRODUCT ID: PS 7035**



The 16mm<sup>2</sup> cable supplies electrical energy to heaters. Used in Splitter Cables, each roll has 100m length of cable.

Dimensions of Roll	90 H x 400 W x 400 D mm
Length of Cable	100m
Weight	21kg
Materials	Copper cable
Wire Diameter	16mm <sup>2</sup>
Insulation	double insulated with rubber jackets
Colour	Outer Jacket is Red, Inner Jacket is White

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## 25mm<sup>2</sup> Heater Distribution Cable (double insulated)

**PRODUCT ID: PS 7036**



The 25mm<sup>2</sup> cable supplies electrical energy to heaters. Used in Splitter Cables, each roll has 100m length of cable. 16mm<sup>2</sup>

Dimensions of Roll	100 H x 450 W x 45 D mm
Length of Cable	100m
Wire Diameter	25mm <sup>2</sup>
Weight	31kg
Materials	Copper cable
Insulation	double insulated with rubber jackets
Colour	Outer Jacket is Red, Inner Jacket is White

**PRICE**

## 300A Camlock - Body (Male)

**PRODUCT ID: PS 7037**



300A Camlock Body only. Sold as spares for repairs to Triple Cable Sets and Splitter Cables. To be used with the 300A Camlock Sleeve and Retaining Pin.

Dimensions	63 H x 22 W x 22 D mm
Weight	120g
Material	Brass
Colour	Brass

**PRICE**



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## 300A Camlock - Body (FeMale)

**PRODUCT ID: PS 7038**



300A Camlock Body only. Sold as spares for repairs to Triple Cable Sets. To be used with the 300A Camlock Sleeve and Retaining Pin.

Dimensions	63 H x 22 W x 22 D mm
Weight	100g
Material	Brass
Colour	Brass

**PRICE**

## 300A Camlock Retaining Pin

**PRODUCT ID: PS 7039**



300A Camlock Retaining Pin only. Sold as spares for repairs to Triple Cable Sets and Splitter Cables. To be used with the 300A Camlock Body and Sleeve.

Dimensions	31 H x 5 W x 5 D mm
Weight	0.6g
Material	ABS
Colour	White

**PRICE**





## 60A Camlock - Body (Male)

**PRODUCT ID: PS 7040**



60A Camlock Body only. Sold as spares for repairs to Splitter Cables and Ceramic Heater Pads. To be used with the 60A Camlock Sleeve and Retaining Pin.

Dimensions	52 H x 12 W x 12 D mm
Weight	20g
Material	Brass
Colour	Brass

**PRICE**

## 60A Camlock - Body (Male)

**PRODUCT ID: PS 7041**



60A Camlock Body only. Sold as spares for repairs to Triple Cable Sets and Splitter Cables. To be used with the 60A Camlock Sleeve and Retaining Pin.

Dimensions	52 H x 12 W x 12 D mm
Weight	40g
Material	Brass
Colour	Brass

**PRICE**

## 60A Camlock Retaining Pin

**PRODUCT ID: PS 7042**



60A Camlock Retaining Pin only. Sold as spares for repairs to Triple Cable Sets, Splitter Cables and Ceramic Heater Pads. To be used with the 60A Camlock Body and Sleeve.

Dimensions	19 H x 3 W x 3 D mm
Weight	0.2g
Material	ABS
Colour	White

**PRICE**



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## 300A Camlock - Complete Set (Male)

**PRODUCT ID: PS 7043**



Complete set of the 300A Camlock Body, Sleeve and Retaining Pin. Sold as spares for repairs to Triple Cable Sets and Splitter Cables.

Dimensions Assembled	99 H x 28 W x 28 D mm
Total Weight	148.6g
Material	Epoxy Resin (Sleeve), Brass (Body) and ABS (Retaining Pin)
Colour	Red Sleeve, Brass Body, White Retaining Pin

**PRICE**

## 300A Camlock - Sleeve (Male)

**PRODUCT ID: PS 7044**



300A Camlock Sleeve only. Sold as spares for repairs to Triple Cable Sets and Splitter Cables. To be used with the 300A Camlock Body and Retaining Pin.

Dimensions	70 H x 28 W x 28 D mm
Weight	28g
Material	Epoxy Resin
Colour	Red

**PRICE**

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## 300A Camlock - Complete Set (FeMale)

**PRODUCT ID: PS 7045**



Complete set of the 300A Camlock Body, Sleeve and Retaining Pin.  
Sold as spares for repairs to Triple Cable Sets.

Dimensions Assembled	86 H x 28 W x 28 D mm
Total Weight	126.6g
Material	Epoxy Resin (Sleeve), Brass (Body) and ABS (Retaining Pin)
Colour	Red Sleeve, Brass Body, White Retaining Pin

**PRICE**

## 300A Camlock - Sleeve (FeMale)

**PRODUCT ID: PS 7046**



300A Camlock Sleeve only. Sold as spares for repairs to Triple Cable Sets.  
To be used with the 300A Camlock Body and Retaining Pin.

Dimensions	86 H x 28 W x 28 D mm
Weight	26g
Material	Epoxy Resin
Colour	Red

**PRICE**

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## 60A Camlock - Complete Set (Male)

**PRODUCT ID: PS 7047**



Complete set of the 60A Camlock Body, Sleeve and Retaining Pin.  
Sold as spares for repairs to Splitter Cables and Ceramic Heater Pads.

Dimensions Assembled	87 H x 17 W x 17 D mm
Total Weight	30.2g
Material	Epoxy Resin (Sleeve), Brass (Body) and ABS (Retaining Pin)
Colour	Red Sleeve, Brass Body, White Retaining Pin

**PRICE**

## 60A Camlock - Sleeve (Male)

**PRODUCT ID: PS 7048**



60A Camlock Sleeve only. Sold as spares for repairs to Splitter Cables and Ceramic Heater Pads. To be used with the 60A Camlock Body and Retaining Pin.

Dimensions	61 H x 17 W x 17 D mm
Weight	10g
Material	Epoxy Resin
Colour	Red

**PRICE**

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## 60A Camlock - Complete Set (FeMale)

**PRODUCT ID: PS 7049**



Complete set of the 60A Camlock Body, Sleeve and Retaining Pin. Sold as spares for repairs to Triple Cable Sets and Splitter Cables.

Dimensions Assembled	79 H x 17 W x 17 D mm
Total Weight	53.2g
Material	Epoxy Resin (Sleeve), Brass (Body) and ABS (Retaining Pin)
Colour	Red Sleeve, Brass Body, White Retaining Pin

**PRICE**

## 60A Camlock - Sleeve (FeMale)

**PRODUCT ID: PS 7050**



60A Camlock Sleeve only. Sold as spares for repairs to Triple Cable Sets and Splitter Cables. To be used with the 60A Camlock Body and Retaining Pin.

Dimensions	79 H x 17 W x 17 D mm
Weight	13g
Material	Epoxy Resin
Colour	Red

**PRICE**



## Thermocouple Attachment Unit

**PRODUCT ID: PS 7051**



The equipment is suitable for welding Thermocouple wires of different material to steel / alloy steel plate. One terminal is connected to plate by “Earth” magnet, while Thermocouple wire to be welded is being held in “Nose player” and kept in contact with plate. “Weld switch” / Foot switch is used to weld the wire on the plate. Capacitors can be charged to different voltages to get different values of weld current.

Model	SCD - 01 E
Voltage rating	100~120V or 220~240V AC
Store energy output	0-to 60 joules
Cycle time	Charging time at max. energy less than 3 sec.
Wire gauge	(0.5 ~ 1.1 mm/0.020" ~ 0.043")
Thermocouple type	Suitable for type K/J/E/T/N/R/S/B
Weld cycle	Min. 5 to 10 weld / min
Energy indicator	LED display to indicate charging status
Weld trigger	Foot switch with 2 Met. Cable.
Suitable use for	Manufacturer / Workshop / Laboratory / Engineering Dept.
Dimension	220(W) x 120(H) x 200(D) mm
Weight	5 Kgs / 11 IBS

- Discharge Energy : 30 to 60 watts per second or 125 to 250 watts per second.
- Supply Voltage : 110v or 240v
- Dimensions : 255 x 230 x 310mm
- Approx weight : 6.5 Kg

**PRICE**





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## 300A Panel Mounted Black Camlock (Female)

**PRODUCT ID: PS 7052**



Spare 300A Panel Mounted Camlock for the repair of Heat Treatment Units. Also available in white colour.

Dimensions	46 H x 43 W x 43 D mm
Weight	100g
Material	Brass and Polyamide
Colour	Brass and Black

**PRICE**

## 300A Panel Mounted White Camlock (Female)

**PRODUCT ID: PS 7053**



Spare 300A Panel Mounted Camlock for the repair of Heat Treatment Units. Also available in black colour.

Dimensions	46 H x 43 W x 43 D mm
Weight	100g
Material	Brass and Polyamide
Colour	Brass and White

**PRICE**

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## 60A Panel Mounted Black Camlock (Female)

**PRODUCT ID: PS 7054**



Spare 60A Panel Mounted Camlock for the repair of Heat Treatment Units.

Dimensions	44 H x 33 W x 33 D mm
Weight	60g
Material	Brass and Polyamide
Colour	Brass and Black

**PRICE**

## Thermocouple Plug - In-Line (Male)

**PRODUCT ID: PS 7055**



Used for the Thermocouple Wire to connect to the Compensating Cable and then to the recording and/or control instrumentation. Used with the Thermocouple In-Line and Panel Mounted Sockets (TC0102 and TC0300)

Dimensions	54 H x 25 W x 13 D mm
Weight	15g
Material	Glass-filled Polyester
Thermocouple Type	Type K
Working Temperature	-40 to 220°C
Colour	Yellow Body

**PRICE**

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## Thermocouple Socket - In-Line (Female)

**PRODUCT ID: PS 7056**



Used on the Compensating Cable to connect to the Thermocouple In-Line and Quick Connector Plugs (TC0101 and TC0400).

Dimensions	39 H x 25 W x 13 D mm
Weight	13g
Material	Glass-filled Polyester
Thermocouple Type	Type K
Working Temperature	-40 to 220°C
Colour	Yellow Body

**PRICE**

## Thermocouple Socket - Panel Mounted (Female)

**PRODUCT ID: PS 7057**



Used for the Thermocouple Wire to connect to the Compensating Cable and then to the recording and/or control instrumentation. Used with the Thermocouple In-Line and Panel Mounted Sockets (TC0102 and TC0300)

Dimensions	38 H x 19 W x 32 D mm
Weight	14g
Material	Glass-filled Polyester
Thermocouple Type	Type K
Working Temperature	-40 to 220°C
Colour	Yellow Body

**PRICE**

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## Thermocouple Plug - Quick Connector

**PRODUCT ID: PS 7058**



This plug is used for quick connection to the Thermocouple Wire to connect to the Compensating Cable and then to the recording and/or control instrumentation. Used with the Thermocouple In-Line and Panel Mounted Sockets (TC0102 and TC0300).

Dimensions	54 H x 26 W x 13 D mm
Weight	16g
Material	Glass-filled Polyester
Thermocouple Type	Type K
Working Temperature	-40 to 220°C
Colour	Yellow Body

**PRICE**

## Ceramic Fibre Blanket - 128kg/m<sup>3</sup>

**PRODUCT ID: PS 7059**



Ceramic Fibre Blanket is used as a general insulation material and is the main component used to make insulation blankets. Made of long fibres, it is flexible and easy to cut, shape and install. With a maximum working temperature of 1260°C, this material can be supplied in any length required, up to 7200mm which is one roll.

Dimensions of Roll	470 H x 600 W x 470 D mm
Dimensions of Blanket	7200 L x 600 W x 25 D mm
Weight of Roll	15kg
Density	128kg/m <sup>3</sup> (8lbs/ft <sup>3</sup> )
Maximum Working Temperature	1260°C

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## Ceramic Fibre Blanket - 96kg/m<sup>3</sup>

**PRODUCT ID: PS 7060**



Ceramic Fibre Blanket is used as a general insulation material and is the main component used to make insulation blankets. Made of long fibres, it is flexible and easy to cut, shape and install. With a maximum working temperature of 1260°C, this material can be supplied in any length required, up to 7200mm which is one roll.

Dimensions of Roll	470 H x 600 W x 470 D mm
Dimensions of Blanket	7200 L x 600 W x 25 D mm
Weight of Roll	10.5kg
Density	96kg/m <sup>3</sup> (6lbs/ft <sup>3</sup> )
Maximum Working Temperature	1260°C

**PRICE**

## Stainless Steel Mesh - 635mm

**PRODUCT ID: PS 7061**



Measuring 635mm wide, each roll has 30m length of Stainless Steel Mesh. This can be used to make to cover the Fibre Blanket to make insulation blankets. Is also found on the Flexible Insulation Preheaters

Dimensions of Roll	190 H x 635 W x 190 D mm
Dimensions of Mesh	30000 L x 635 W x 0.3 D mm
Weight of Roll	9kg
Materials	AISI 304 Stainless Steel Mesh 635mm

**PRICE**

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## Stainless Steel Mesh - 330mm

**PRODUCT ID: PS 7062**



Measuring 330mm wide, each roll has 50m length of Stainless Steel Mesh. This can be used to make to cover the Fibre Blanket to make insulation blankets. Is also found on the Flexible Insulation Preheaters.

Dimensions of Roll	250 H x 330 W x 250 D mm
Dimensions of Mesh	50000 H x 330 W x 0.3 D mm
Weight of Roll	8kg
Materials	AISI 304 Stainless Steel Mesh 635mm

**PRICE**

## Ceramic Beads

**PRODUCT ID: PS 7063**



Ceramic Beads for Flexible Ceramic Pad Heater, Preheater, Tank Track Heater, Channel Heater, Finger Heater Element

### Material & Characteristics

95% Alumina Ceramic Beads from HeatMent™ is manufactured by dry press method and is sintered at temperature upto 1650°C. All the material is prepared by “RESISTEK”, sister company of HeatMent™. The production is under careful material selection of high grade alumina spray drying granulation from what we call calcined alumina, thus the stability is maximumly ensured. It enjoys high temperature resistance, excellent insulating property, and efficient thermal conductivity and heat transfer. Thanks to its excellent characteristics, the ceramic beads is widely used as components of ceramic heating pad at operation of pre- and post-weld heat treatment, welding process, stress-relieving, ship-building, other heat-resistance-environment.





## Available Ceramic Beads for Heaters

- 1) Main Body Bead (with Hole)
- 2) Male End Bead (with Hole)
- 3) Female End Bead (with Hole)
- 4) Small & Large Tail Bead
- 5) Tank Track Heater Bead ( with hole)
- 6) Channel Heater Bead
- 7) Finger Heater Beads

## Technical Data

Alumina Content	95%
Bulk Density Fired	3.65-3.70g/cm <sup>3</sup>
Grain Size	6um
Mohs Hardness	9
Rockwell Hardness	78(R45N)
Compressive Strength	2000 MPa
Flexural Strength	320 Mpa(ASTM C1161, 3 point)
Young's Modulus	325 Gpa
Thermal Conductivity	21W/ m <sup>3</sup>



## Application

As ceramic parts of flexible pad and channel heaters at operations of pre and postweld heat treatment; Welding process, stress-relieving, pre-heating & post heating, ship-building, other resistance-heating environment

## Advantages

Compared with hot press method in the market, it proves higher density, better surface finish and better uniformity, and can be repeatedly used much longer. It enjoys excellent thermal conductivity and heat transfer, resistance against thermal shock and mechanical abuse.

\* Available in Pink and White. Other colors can be custom made for bulk quantity request

**PRICE**



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## PROCESS TIMER

**PRODUCT ID: PS 7064**



### Advanced Features:

- All in one Multifunction Process Timer Selectable Battery backup (> 10 years memory)
- Up/Down Counting Selectable
- Seconds/Minutes Selectable
- User Range Selectable (0.1...9999min)
- High Quality Dual LED Display
- Power on/Pulse/Proximity, cyclic
- Front back plate reset facilities
- Mains power operated
- Single/ Dual output Relay/Voltage
- Resolution Selectable (000.0/0000)
- Large Display 1",2",4",6" available

### General specifications:

- Power Option - 230 VAC or 110 VAC  $\pm 15\%$  or 85-265 VAC / 50 RH
- Working Environment - Temperature: 0-50°C, Humidity: 35-85% RH
- Calibration Option - Inside Trim Pot adjustable – only for technical Engineer
- Control Panel - Power On, Pulse On, Proximity/Photo Sensor (PNP/NPN)
- Optional - Power Supply, Sensor, Large Display, 20 A Relay, Alarm Output

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and Chemical Industries

**PRICE**





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# HIGH TEMPERATURE IR THERMOMETER

**PRODUCT ID: PS 7065**



## Advanced Features:

- All in one Non-contact Thermometer
- Temperature Function Thermocouples
- Unit °C/°F Selectable
- Dual Laser Thermometer
- High Quality LCD Display
- Adopt ITS – 90 Thermometric Scale
- Mains/Battery Operated
- Optional Handle Type Thermocouple
- Temperature sensor with indicator
- Low/High Temperature Application
- Resolution 0.1, 1°C/°F Selectable
- Optional with PC Based Software

## General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity: 35 to 85% RH
- Input Option - Thermocouple IR Non-contact, with Thermocouple, Calibration certificate
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also available - Multi point Indicator, Controller, Data logger, Scanner, Transmitters, Sensors etc.,

## Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and chemical Industry

**PRICE**

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# HUMIDITY TEMPERATURE CONTROLLER

**PRODUCT ID: PS 7066**



## Advanced Features:

- All in one Humidity Temperature Controller
- Temperature Function T/Cs, RTDS
- Process Function Current, Voltage
- Retransmission output 4-20mA Optional
- High quality Dual LED display for H/T
- Adopt ITS-90 Thermometric scale
- 4000 counts Range adjustable
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co<sub>2</sub>
- Flow, Air Velocity, Diff Pressure, Level etc.,
- Resolution 0.01, 0.1, 1 Counts selectable
- Large Display 1", 2", 4", 6" available

## General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity: 35 to 85% RH
- Input - RTDs(pt100)/Current(0/4-20mA/Voltage(0/1-3/5 VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also available - Multi point Indicator. Controller, Data logger, Scanner, Transmitters, Sensors etc.,

## Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and chemical Industry

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## HUMIDITY INDICATOR

**PRODUCT ID: PS 7067**



### Advanced Features:

- All in one Universal Process Indicator
- Temperature Function T/Cs, RTDs
- Process Function Current, Voltage, Pulse
- Retransmission output 4-20mA optional
- High Quality LED Display
- Adopt ITS-90 Thermometric Scale
- Mains/Battery Operated
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co2
- Flow, Air velocity, Diff Pressure, Level etc....,
- Resolution 0.01, 0.1, 1 counts
- Large Display 1", 2", 4", 6" available

### General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity: 35 to 85% RH
- Input Option - Fixed/Universal (T/Cs (J,K,B,R,S)/RTDs(pt100)/Current (0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also available - Multi point Indicator, Controller, Data logger, Scanner, Transmitters, Sensors etc.,

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and chemical Industry

**PRICE**

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## 300mm Single Pen Circular Chart Recorder

**PRODUCT ID: PS 7068**



### Advanced Features:

- Temperature function T/C, RTDS
- Process function current, Voltage, Pulse
- Single/Dual Pen type available
- Digital LED Display option
- Adopt ITS - 90 Thermometric scale
- Mains Power Operated
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co<sub>2</sub>
- Flow, Air velocity, Diff pressure, Level etc.
- Chart Size 300mm/ 150mm
- Large Display 1", 2", 4", 6 available

### General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Work Environment - Temperature : 0 to 50 ° C, Humidity : 35 to 85 % Rh
- Input Option - Fixed/Universal (T/Cs ( J,K,B,R,S)/RTDs (pt100)/  
Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc...
- Also Available - Multi point Indicator, Controller, Data logger, Scanner, Transmitter, Sensors etc...

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and chemical Industry

**PRICE**

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## 3 Point Strip Chart Recorder

**PRODUCT ID: PS 7069**



### Advanced Features:

- All in one Process Strip Chart Recorder
- Temperature function T/Cs, RTDs
- Process function Current, Voltage, Pulse
- Single Pen/ Six Point Type Available
- Digital LED Display optional
- Adopt ITS -90 Thermometric Scale
- Mains Power Operated
- Panel/ Wall Mounting
- Temperature, Humidity, Pressure, Co2
- Flow, Air Velocity, Diff Pressure, Level etc.,
- Chart Size 120mm/180mm
- Large Display 1",2",4",6" available

### General Specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm$  15%
- Working Environment - Temperature: 0 to 50°C, Humidity : 35 to 85% Rh
- Input Option - Fixed/Universal (T/Cs (L,K,B,R,S)/RTDs(pt 100)/  
Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output,  
Mounting etc.,
- Also Available - Multi Point Indicator, Controller, Data Logger, Scanner,  
Transmitters, Sensors etc.,

**PRICE**



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## 1 Point Strip Chart Recorder

**PRODUCT ID: PS 7070**



### Advanced Features:

- All in one Process Strip Chart Recorder
- Temperature function T/Cs, RTDs
- Process function Current, Voltage, Pulse
- Single Pen/ Six Point Type Available
- Digital LED Display optional
- Adopt ITS -90 Thermometric Scale
- Mains Power Operated
- Panel/ Wall Mounting
- Temperature, Humidity, Pressure, Co2
- Flow, Air Velocity, Diff Pressure, Level etc.,
- Chart Size 120mm/180mm
- Large Display 1", 2", 4", 6" available

### General Specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm$  15%
- Working Environment - Temperature: 0 to 50°C, Humidity : 35 to 85% Rh
- Input Option - Fixed/Universal (T/Cs (L,K,B,R,S)/RTDs(pt 100)/ Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also Available - Multi Point Indicator, Controller, Data Logger, Scanner, Transmitters, Sensors etc.,

**PRICE**





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## 12 Point Strip Chart Recorder

**PRODUCT ID: PS 7071**



### Advanced Features:

- All in one Process Strip Chart Recorder
- Temperature function T/Cs, RTDs
- Process function Current, Voltage, Pulse
- Single Pen/ Six Point Type Available
- Digital LED Display optional
- Adopt ITS -90 Thermometric Scale
- Mains Power Operated
- Panel/ Wall Mounting
- Temperature, Humidity, Pressure, Co2
- Flow, Air Velocity, Diff Pressure, Level etc.,
- Chart Size 120mm/180mm
- Large Display 1",2",4",6" available

### General Specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity : 35 to 85% Rh
- Input Option - Fixed/Universal (T/Cs (L,K,B,R,S)/RTDs(pt 100)/Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also Available - Multi Point Indicator, Controller, Data Logger, Scanner, Transmitters, Sensors etc.,

**PRICE**



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## 6 Point Strip Chart Recorder

**PRODUCT ID: PS 7072**



### Advanced Features:

- All in one Process Strip Chart Recorder
- Temperature function T/Cs, RTDs
- Process function Current, Voltage, Pulse
- Single Pen/ Six Point Type Available
- Digital LED Display optional
- Adopt ITS -90 Thermometric Scale
- Mains Power Operated
- Panel/ Wall Mounting
- Temperature, Humidity, Pressure, Co2
- Flow, Air Velocity, Diff Pressure, Level etc.,
- Chart Size 120mm/180mm
- Large Display 1",2",4",6" available

### General Specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm$  15%
- Working Environment - Temperature: 0 to 50°C, Humidity : 35 to 85% Rh
- Input Option - Fixed/Universal (T/Cs (L,K,B,R,S)/RTDs(pt 100)/Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also Available - Multi Point Indicator, Controller, Data Logger, Scanner, Transmitters, Sensors etc.,

**PRICE**

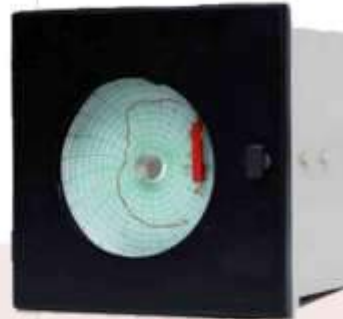




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## 150mm Single pen Circular Chart Recorder

**PRODUCT ID: PS 7073**



### Advanced Features:

- Temperature function T/C, RTDS
- Process function current, Voltage, Pulse
- Single/Dual Pen type available
- Digital LED Display option
- Adopt ITS - 90 Thermometric scale
- Mains Power Operated
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co2
- Flow, Air velocity, Diff pressure, Level etc.
- Chart Size 300mm/ 150mm
- Large Display 1",2",4",6 available

### General Specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Work Environment - Temperature : 0 to 50 ° C, Humidity : 35 to 85 % Rh
- Input Option - Fixed/Universal (T/Cs ( J,K,B,R,S)/RTDs (pt100)/  
Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc...
- Also Available - Multi point Indicator, Controller, Data logger, Scanner, Transmitter, Sensors etc...

### Applications:

- Testing and Calibration Laboratories
- Automobile and Power Industries,
- Pharmaceutical and Chemical Industries.

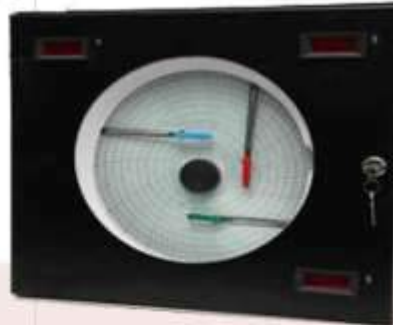
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## 300mm Triple Pen Circular Chart Recorder

**PRODUCT ID: PS 7074**



### Advanced Features:

- Temperature function T/C, RTDS
- Process function current, Voltage, Pulse
- Single/Dual Pen type available
- Digital LED Display option
- Adopt ITS - 90 Thermometric scale
- Mains Power Operated
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co2
- Flow, Air velocity, Diff pressure, Level etc.
- Chart Size 300mm/ 150mm
- Large Display 1",2",4",6 available

### General Specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Work Environment - Temperature : 0 to 50 ° C, Humidity : 35 to 85 % Rh
- Input Option - Fixed/Universal (T/Cs ( J,K,B,R,S)/RTDs (pt100)/ Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc...
- Also Available - Multi point Indicator, Controller, Data logger, Scanner, Transmitter, Sensors etc...

### Applications:

- Testing and Calibration Laboratories
- Automobile and Power Industries,
- Pharmaceutical and Chemical Industries.

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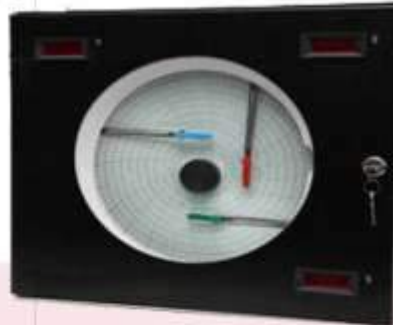




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## 300mm Single Pen Circular Chart Recorder

**PRODUCT ID: PS 7075**



### Advanced Features:

- Temperature function T/C, RTDS
- Process function current, Voltage, Pulse
- Single/Dual Pen type available
- Digital LED Display option
- Adopt ITS - 90 Thermometric scale
- Mains Power Operated
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co2
- Flow, Air velocity, Diff pressure, Level etc.
- Chart Size 300mm/ 150mm
- Large Display 1", 2", 4", 6 available

### General Specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Work Environment - Temperature : 0 to 50 ° C, Humidity : 35 to 85 % Rh
- Input Option - Fixed/Universal (T/Cs ( J,K,B,R,S)/RTDs (pt100)/ Current(0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc...
- Also Available - Multi point Indicator, Controller, Data logger, Scanner, Transmitter, Sensors etc...

### Applications:

- Testing and Calibration Laboratories
- Automobile and Power Industries,
- Pharmaceutical and Chemical Industries.

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## Humidity indicator

**PRODUCT ID: PS 7076**



### Advanced Features:

- All in one Universal Process Indicator
- Temperature Function T/Cs, RTDs
- Process Function Current, Voltage, Pulse
- Retransmission output 4-20mA optional
- High Quality LED Display
- Adopt ITS-90 Thermometric Scale
- Mains/Battery Operated
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co2
- Flow, Air velocity, Diff Pressure, Level etc....,
- Resolution 0.01, 0.1, 1 counts
- Large Display 1", 2", 4", 6" available

### General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity: 35 to 85% RH
- Input Option - Fixed/Universal (T/Cs (J,K,B,R,S)/RTDs(pt100)/Current (0/4-20mA/Voltage(0/1-5VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also available - Multi point Indicator, Controller, Data logger, Scanner, Transmitters, Sensors etc.,

### Applications:

- Testing and Calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and Chemical Industries

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## Timer

**PRODUCT ID: PS 7077**



### Advanced Features:

- All in one Process Timer
- Up / Down Counting Selectable
- Seconds / Minutes Selectable
- User Range selectable
- High Quality Single LED Display
- Thumbwheel set point
- Calibration Used International Scale
- Mains Power operated
- Single / Dual Output Relay / Voltage
- Resolution Selectable (00.0/000)
- Pulse / Power on Start available
- Large Display 1",2",4",6" available

### General Specifications:

- Power Option - 230VAC or 110VAC  $\pm 15\%$  or 85 – 265 VAC / 50Hz
- Working Environment - Temperature: 0 to 50°C, Humidity : 35 to 85 % Rh
- Calibration Option - Inside: Trimpot adjustable – only for Technical Engineer
- Control Mode - Power on, Pulse on, Proximity/Photo Sensor (PNP/NPN)
- Optional - Power supply, Sensors, Large Display, 20A Relay, Alarm output etc.,

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and Chemical Industries

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## Temperature Scanner

**PRODUCT ID: PS 7078**



### Advanced Features:

- All in one Temperature Scanner
- Temperature Couples J/K and RTD Pt 100
- Settings Through Feather Touch Keys
- Resolution 0.1 and 1°C optional
- High Quality Single LED Display
- Adopt ITS – 90 Thermometric Scale
- Cold Junction Compensation in T/Cs
- Optional on/off control Mode
- Optional High/Low alarm Output
- Calibration offset from front key pad
- Various size as per your application

### General Specifications:

- Display - 3  $\frac{3}{4}$  Digit LED seven segment Display
- Working Environment - Temperature: 10 to 50°C, Humidity : 20 to 85 % Rh
- Temperature Range - Pt 100 -50 to 400°C, J Type 0-600°C, K Type 0-1250°C
- Sampling Cycle - 0.10 Second for sensor Input Signal
- Power consumption - Maximum 6 VA

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and Chemical Industries

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## Jumbo indicator

**PRODUCT ID: PS 7079**



### Advanced Features:

- All in one Process Indicator
- Temperature function RTDs, C, V
- Process function Current, Voltage
- Retransmission output 4-20mA optional
- High Quality Dual LED Display for H/T
- Adopts ITS – 90 Thermometric Scale
- 4000 counts Range adjustable
- Panel/Wall Mounting available
- Temperature, Humidity, Pressure, Co2
- Flow, Air velocity, Diff Pressure, Level etc....
- Resolution 0.01, 0.1, 1 counts selectable
- Large Display 1", 2", 4", 6" available

### General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity: 35 to 85% RH
- Input Option - RTDs(pt100)/Current(0/4-20mA/Voltage(0/1-3/5 VDC)
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also available - Multi-point Indicator, Controller, Data logger, Scanner, Transmitters and Sensors etc.,

### Applications:

- Testing and Calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and Chemical Industries

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## Portable High Temperature Thermometer

**PRODUCT ID: PS 7080**



### Advanced Features:

- All in one Non-contact Thermometer
- Temperature Function Thermocouples
- Unit °C/°F Selectable
- Dual Laser Thermometer
- High Quality LCD Display
- Adopt ITS – 90 Thermometric Scale
- Mains/Battery Operated
- Optional Handle Type Thermocouple
- Temperature sensor with indicator
- Low/High Temperature Application
- Resolution 0.1, 1°C/°F Selectable
- Optional with PC Based Software

### General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity: 35 to 85% RH
- Input Option - Thermocouple IR Non-contact, with Thermocouple, Calibration certificate
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also available - Multi point Indicator, Controller, Data logger, Scanner, Transmitters, Sensors etc.,

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and chemical Industries

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## Portable Temperature Thermometer

**PRODUCT ID: PS 7081**



### Advanced Features:

- All in one Non-contact Thermometer
- Temperature Function Thermocouples
- Unit °C/°F Selectable
- Dual Laser Thermometer
- High Quality LCD Display
- Adopt ITS – 90 Thermometric Scale
- Mains/Battery Operated
- Optional Handle Type Thermocouple
- Temperature sensor with indicator
- Low/High Temperature Application
- Resolution 0.1, 1°C/°F Selectable
- Optional with PC Based Software

### General specifications:

- Power Option - 230 VAC or 110 VAC or 24 VDC  $\pm 15\%$
- Working Environment - Temperature: 0 to 50°C, Humidity: 35 to 85% RH
- Input Option - Thermocouple IR Non-contact, with Thermocouple, Calibration certificate
- Optional - Power, Input, Large Display, Transmitter Supply, Alarm output, Mounting etc.,
- Also available - Multi point Indicator, Controller, Data logger, Scanner, Transmitters, Sensors etc.,

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and chemical Industries

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## Process counter

**PRODUCT ID: PS 7082**



### Advanced Features:

- All in one Multifunction Process counter
- Selectable Battery backup ( >10 years memory)
- Preset/batch counter, Length Meter
- Count/set range 1 to 9999
- Total counts 0-999999 counts
- High Quality Dual LED Display.
- of batches : 0-9999
- X factor for length meter 0.1...999.9
- Mains power operated
- Single/Dual Output Relay/ Voltage
- Also available 6 digit counter
- Large Display 1",2",4",6" available

### General Specifications:

- Power Option - 230VAC or 110VAC  $\pm 15\%$  or 85 – 265 VAC / 50Hz
- Working Environment - Temperature: 0 to 50°C, Humidity : 35 to 85 % Rh
- Calibration Option - Inside: Trimpot adjustable – only for Technical Engineer
- Control Mode - Power on, Pulse on, Proximity/Photo Sensor (PNP/NPN)
- Optional -Power supply, Sensors, Large Display, 20A Relay, Alarm output etc.,

### Applications:

- Testing and calibration Laboratories
- Automobile and Power Industries
- Pharmaceutical and chemical Industries

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## Portable Hygro thermometer and Logger

**PRODUCT ID: PS 7083**



### Description:

Measures relative humidity, temperature and dew/frost point Range of application ; -10...60°C with 0... 100%rh Freely selectable logging interval, 5 s...1 h 20000 data point memory with date & time stamps Psychro metric calculations of dew and frost point values available FDA 21 CFR Part 11 / GAMP 4 compliant Adjusted at 23°C and 10,35,80%rh Interface (UART) , USB for connection to PC Highest accuracy at 0.8 %rh and 0.2 °C, Long Life Battery

**PRICE**



## **P W H T SOLUTIONS PVT LTD**

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**Our proposal is subject to the following terms and conditions**

**Taxes extra & Transportation charges at actual.**

**Manufacturers: M/s. PWHT SOLUTIONS PVT LTD**

**Price Basis: The price quoted is in USD.**

**Delivery Period: The delivery depends on the Quantity Ordered and on an average.**

**Payment Terms: An advance of 100% of the estimated total shall be payable by Bank Transfer**

**Transport Charges: Transport charges (By Sea or By Air) are actuals and will be included along with the Invoice.**

**Customs Charges: Custom Charges and Import Charges at your country are your scope.**

**If any further clarification, please feel free to contact us.  
We look forward to receiving your valued order at an early date.**

**For any further clarifications or queries e-mail us at**

**info@pwhtsolutions.com, sales@pwhtsolutions.com**

**To Know more about us, kindly visit**

**www.pwhtsolutions.com, www.pwhtproducts.com**





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## **Our Business And Communication Center**

### **PWHT SOLUTIONS PVT LTD**

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**International Sales: +91-9043660755**

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**For more information: <http://www.pwhtsolutions.com>**