

HEAT TREATMENT CENTER

10 250 500 750 1000 1250



HEAT TREATMENT CENTER

Heat Treatment Equipments and Consumables
Your Partner in Heat Treatment Services





CEH-001



FFR-001



Recorder Accessories



TAU-210



TCK-001



TCK-002



DIC-001



DIC-002



DIC-003



TCK-003



DIC-005



CPS-013



Banding Machine Tools



BMS-004



TCK-008

TEMPERATURE RECORDER- ACCESARES :

CEH-001	Chino Recorder 12 Channels (EH100-12). Types of thermocouple Type K (standard) Temperature range of 0-1200 Degrees Celsius. Chart dimensions 200mm W x 20 m fanfold Input Voltage 100-240V A.C., 50/60 Hz.
CEH-002	Ink (12 Colors) for Chino recorder E100-12.
CEH-003	Drive Cord 12pt for Chino recorder E100-12.
CEH-004	Chart Paper (Chino recorder).
FFR-001	Fuji Digital Recorder 12 Channels.
FFR-002	Recorder Print Head Cartridge. For 12 point Fuji temperature chart recorder.
FFR-003	Chart Paper (Fuji recorder).

THERMOCOUPLE ATTACHMENT UNIT :

TAU-210	The thermocouple welding unit is the devise used for attaching the thermocouple by the capacitance discharge method directly to the work piece. Charge Voltage 110-220, Thermocouple types K.
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CABLES AND WIRES :

TCK-001	TC wire K Type - 0.711mm Diameter Double Insulated. 100m Roll (Yellow & Red).
TCK-002	Thermocouple compensating cable - 100m/roll.
DIC-001	16mm² HOFR Double Insulated Cooper Cable - 100m.
DIC-002	25mm² HOFR copper, 185A, Triple cable set. (c/w compensating lead & connectors), 30m long.
DIC-003	3-way splitter c/w 3x60A female & 1x300A male connectors.
TCK-003	2m 'jumper' compensating lead fitted with two type K thermocouple plugs.
DIC-004	60 Volt Heater wire c/w NI CH 212 cold tails welded to each end.
DIC-005	Ni-Ch 80/20 -19St Heater Core Wire.
CPS-013	Copper shim 300 Amp-19mm wide.
CPS-014	Copper shim 60 Amp-12.7mm wide.

BANDING MACHINE & TIE WIRE :

BMS-001	Stainless steel Banding machines.
BMS-002	Stainless steel banding 1/2" - (30m roll).
BMS-003	Stainless steel banding clips 1/2" - (box of 100).
BMS-004	Soft iron wire. (CS-SS). Iron wire is adequate to fix the heating elements and insulation around the work piece.

THERMOCOUPLE PUTY :

TCK-008	Thermocouple putty 0.5 k.g (0.5 kg jar of high temperature cement).
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CAMLOCK CONNECTOR & SLEEVE :

CPS-001	300 Amp Female Sleeve.
CPS-002	300 Amp Female Brass Camlock Connector.
CPS-003	300 Amp Male Sleeve.
CPS-004	300 Amp Male Brass Camlock Connector.
CPS-005	300 Amp Fiber Pins.
CPS-006	60 Amp Female Sleeve.
CPS-007	60 Amp Female Brass Camlock Connector.
CPS-008	60 Amp Male Sleeve.
CPS-009	60 Amp Male Brass Camlock Connector.
CPS-010	60 Amp Fiber Pins.
CPS-011	Fixed and moving contacts for 200A contactor.
CPS-012	300A female panel mounted camlok connector.



Camlock Connectors & Sleeves

CONNECTOR AND PLUGS :

TCK-004	Type K, Panel mounted thermocouple socket.
TCK-006	Connector, TC Type k, 2-Pin Male (Thermocouple Plug in line).
TCK-007	Connector, TC Type k, 2-Pin Female (Thermocouple Socket in line).
PLP-001	110V, 16A, 3-pin in-line plug.
PLP-002	110 A.C panel mounted outlet.



CPS-011



CPS-012



TCK-006



TCK-007

INSULATION SPARES & ACCESSORIES :

CFB-001	Ceramic Fiber Blanket up to 1260°C. 128kg/m3 (25mm thick unmeshed roll 7320mm x 610mm).
CFB-002	Roll stainless steel mesh for insulation mat, 635mm wide, 25 kg/roll.
CFB-003	Roll stainless steel mesh for insulation mat, 330mm wide, 15 kg/roll.
CFB-004	25mm thick s/s meshed mat 600mm x 1800mm.
CFB-005	25mm thick s/s meshed mat 300mm x 1800mm.
CFB-006	25mm thick s/s meshed mat 600mm x 900mm.



Plugs



TCK-004

CERAMIC PAD ELEMENTS :

HEC-013	Main body beads.
HEC-014	Main body beads with hole.
HEC-015	Finisher beads (Male End Beads)
HEC-016	Starter beads (Female End Beads)
HEC-017	Tail Bead, Pink
HEC-018	Tail Bead, Wait



CFB-001



CFB-002



CFB-004



Ceramic Beads

CERAMIC HEATER INFORMATION SHEET

Reference Number	Type of Heater	Wide mm	Length mm	Voltage V	Power Kw
HEC-001	CP3	100	750	60	2.70
HEC-002	CP6	150	330	60	2.70
HEC-003	CP8	205	250	60	2.70
HEC-004	CP10	255	205	60	2.70
HEC-005	CP12	305	165	60	2.70
HEC-006	CP15	380	145	60	2.70
HEC-007	CP16	405	125	60	2.70
HEC-008	CP21	535	100	60	2.70
HEC-009	CP24	610	85	60	2.70
HEC-010	CP48	1220	45	60	2.70
HEC-011	CP6	150	450	80	3.60
HEC-012	CP8	205	350	80	3.60



HEC-002



Ceramic Beads

Heat Treatment

Although heat treatment is most often associated with increasing the strength of materials, it also can be used to improve machining, enhance formability, and restore ductility after a cold working operation. Given its varied applications, heat treatment is a valuable manufacturing process that can improve product performance and yield other desirable characteristics.

Heat Treatment Center (HTC) is staffed, certified, and equipped to provide a full range of quality heat treatment services for a variety of materials, including metals, non-metals, composites, coatings, and refractories.

- Since 2007 **HTC** was established, work to support and supply the basics of heat treatment and methods development.
- Today we are using currently specialized heat treatment applications and services on many sites, in workshops and all places where high demands on accuracy and precision in heat treatment is required.
- **HTC** range of heat treatment equipment includes necessary power control units, temperature recorders, temperature control instruments, cables, heating elements, insulation, accessories and spares and consumables.
- And you will remember the first class quality of all products and services under **Heat Treatment Center**.

HTC' integrity coupled with customer satisfaction, is the corner stone upon which this successful brand has been built.

For all of your heat treatment equipment needs, please do not hesitate to contact us:



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