

Purity in Technology

Product Catalouge



ABOUT US |

With experience of 15 years in Engineering fields, "SUPRAK TECHNOLOGIES" is a professional manufacturer which is dedicated to producing plastic moulding ancillary machines and also solution provider for automation in plastic production industry for planning, designing and integrating the whole system.

We undertake sales, installation & servicing of Auxiliary Equipments. Our repair, maintenance and servicing team operates on 24X7 bases throughout the year. With the support of designing in projects, we undertake execution of time bound turnkey projects in the field of Plastic Process Industry . We have highly qualified and experienced technical personnel to take up any challenge in the complete range of our products.

In SUPRAK you have a partner who gathers all the information available, learns your specific needs, then puts together all the pieces to find the parts or the system that's just right for you.

We are proud to have the credentials in successfully carrying out our projects for prestigious companies, of various sectors.

OUR VALUES |



Vision:

To insight the core values of Integrity, Passion to Grow & to build strong organization.



Mission:

Suprak imbibe mission of serving customers globally and building better earth.



Suprak Family :

It's not just team but a family

Suprak serves to world with their finest and technical superior team in Engineering and Automation



Team Strengths

- Unique Expertise in mechanical designs and software.
- Capability in Controls and Electrical with Industry 4.0 approach.
- Customer support team and quality control management in manufacturing.
- Ability to learn all upcoming technologies and implementation in work.

Infrastructure

4000 sqft of floor space to for work flow and machine building space.
350 Sqft Office space for design center equipped with workstations and ambience for brain storming .

Standard Hopper Dryer



- ✔ Contacting parts on raw materials is made of stainless steel.
- ✔ Precisely cast aluminium shell smooth surface and good performance of maintaining temperature setting.
- ✔ Low noise blower, machine installed with visual window, can observe internal raw materials directly.
- ✔ Heating tube designed, avoid burning caused by raw materials dust accumulation at the bottom of tank.
- ✔ Precisely temperature control by adopts digital (proportional deviation) display temperature controller.
- ✔ Installed the proportional deviation display thermostat to control temperature accurately.
- ✔ 50-1500kg has high-temperature alternative double layer materials tank stainless steel and heat release electric heating tube, high-temperature fan.

Model	Capacity (KG)	Heating Power (KW)	Blower (W)	Power (V)	Dimensions (cm)	Base Size (KxKxD)(cm)	Approx. Net Weight (kg)
SPT-12	12	1.8	50	1Ø 220V	64x44x74	11x11x4	22
SPT-25	25	3.5	122	1Ø 220V	76x50x104	16x16x6.2	34
SPT-50	50	4.5	157	1Ø 220V	87x54x121	16x16x7	45
SPT-75	75	6.5	227	3Ø 380V	94x60x131	16x16x7	56
SPT-100	100	6.5	246	3Ø 380V	101x70x141	18x18x8	68
SPT-150	150	9	350	3Ø 380V	110x74x162	20x20x8.8	78
SPT-200	200	12	350	3Ø 380V	118x84x176	23x23x11.5	110
SPT-300	300	15	750	3Ø 380V	142x100x188	27.5x27.5x12	150
SPT-400	400	15	750	3Ø 380V	148x106x202	27.5x27.5x12	170
SPT-600	600	20	1100	3Ø 380V	158x116x240	28x28x13.5	280
SPT-800	800	30	2200	3Ø 380V	177x118x254	28x28x13.5	380

Stand Alone Type Auto Loader



With small foot print and low weight, available of being placed directly on to other machines or containers for auto loading.

- ✔ Micro computer controlled.
- ✔ Alarm for over load and lack of material.
- ✔ 300G equipped with high-speed rectifier motor with delicate size and strong suction force-suitable for new materials.
- ✔ 400G with induction high pressure pump-with low noise and long service time.
- ✔ Cable control board design-easy to set and control with distance.
- ✔ Filter for air and dust.

Auto Loader

- ✔ Main machine separated from the hopper, easy and safe to operate
- ✔ Independent filter for easy cleaning
- ✔ Stainless steel.
- ✔ Micro-computer control
- ✔ Alarm for overload and short of material
- ✔ 700G equipped with high-speed rectifier motor with delicate size and strong suction force-suitable for new materials.
- ✔ 800G/800G2 with induction high pressure pump-with low noise and long service time.
- ✔ 800G and 800G2 are designed with auto reverse cleaning devices.

Model		SPTAL-700G	SPTAL-800G	SPTAL-800G2
Motor	Type	Carbon Brush	Induction	Induction
	Specification	1.1 KW/1.3HP 1Ø	1KW/1.5HP 3Ø	1.5KW/2HP 3Ø
Conveying Capacity (kg/h)		310	450	500
Static Wind Pressure (mm/h2o)		1550	1800	2400
Reservoir Volume (L)		7.5	7.5	7.5
Conveying Tube Inner Diameter (mm)		Ø38	Ø38	Ø38
Specification of the Attached Hoses (mm)		Ø38mmx3.5m 2Pcs	Ø38mmx4m 2Pcs	Ø38mmx5m 2Pcs
Dimensions (cm)	Main Frame	37x30x56	42x38x64	50x40x72
	Hopper	28x34x43	45x32x45	45x32x45
Approx. net Weight (kg)	Main Frame	14	47	50
	Hopper	6	7	7

Model		SPTAL-300G	SPTAL-400G
Motor	Type	Carbon Brush	Induction
	Specification	1.1 KW/1.5HP 1Ø	0.75KW/1HP 3Ø
Conveying Capacity (kg/h)		200	330
Static Wind Pressure (mm/h2o)		1300	1400
Reservoir Volume (L)		7.5	7.5
Conveying Tube Inner Diameter (mm)		Ø38	Ø38
Specification of the Attached Hoses (mm)		Ø38mmx3.5m 1Pcs	Ø38mmx4m 1Pcs
Dimensions (cm)		34x34x59	45x37x66
Approx. net Weight (kg)		12	27

Standard Water Temperature Controller



- ✔ P.I.D. Temperature control with deviation ± 0.1 °C, long constant temperature time, with high efficiency and energy saving.
- ✔ Six protective functions, auto-exhaust starting up, auto-cooling shutting down, thermocouple broken alarm, power phase shortage protection etc.
- ✔ LCD shows the actual and set temperatures-direct and visual operations.
- ✔ Visuals and easy operations, easy to maintain.
- ✔ Stainless steel tank-durable without leakage or rust.
- ✔ Circumfluence design enables recollection of diathermanous oil, easily and rapidly.
- ✔ Exquisite appearance with delicate size.

Standard Water Temperature Controller

Model	Transfer Medium	Max. Temp	Pump(KW)	Pump Flow (L/Min)	Pump Flow (L/Min)	Heating Power (KW)	Inlet/Outlet Diameter	Dimensions(mm)	Approx.Net Weight (KG)
SPTW-120506	Water	120°C	0.37	42	28	6	12mmx2	720x400x634	45
SPTW-120509			0.37	42	28	9	12mmx4	720x400x634	46
SPTW-121009			0.75	56	38	9	12mmx4	720x400x634	48
SPTW-121012			0.75	56	38	12	12mmx4	720x400x634	50
SPTW-122018			1.5	160	27	9x2	1.5"x1	830x370x694	65
SPTW-123024			2.2	315	26	12x2	1.5"x1	990x450x1000	110
SPTW-125036			3.75	385	28	12x3	2"x1	990x450x1000	120
SPTW-125060			3.75	385	28	12x5	2"x1	990x450x1000	135

Standard Oil Temperature Controller

Model	Transfer Medium	Max. Temp	Pump(KW)	Pump Flow (L/Min)	Pump Flow (L/Min)	Heating Power (KW)	Inlet/Outlet Diameter	Dimensions(mm)	Approx.Net Weight (KG)
SPTO-200506	Heat-Transfer Oil	200°C	0.37	33	22	6	3/8"x2	720x400x634	52
SPTO-200509			0.37	33	22	9	3/8"x4	720x400x634	55
SPTO-201012			0.75	45	30	12	3/8"x4	720x400x634	55
SPTO-202018			1.5	128	21	9x2	1.5"x1	830x370x694	68
SPTO-203024			2.2	252	21	12x2	1.5"x1	990x450x1000	110
SPTO-205036			3.75	308	22	12x3	2"x1	990x450x1000	112
SPTO-205060			3.75	308	22	12x5	2"x1	990x450x1000	135

Chiller



- ✔ Cooling range 7 to 25°C.
- ✔ Insulated water tank made of stainless steel.
- ✔ Equipped with anti-freeze thermostat. R410A ozone-friendly refrigerant.
- ✔ Compressor and pump overload protection.
- ✔ Adopt high precision temperature controller with a high precision of ± 1 °C.
- ✔ Equipped with hot-gas bypass valve for precision temperature control without the need to frequent the ON/OFF cycle.
- ✔ Equipped with RS485 communication interface to realize centralized monitoring.
- ✔ The multi-grade compressors can be automatically adjusted for energy-saving purpose.
- ✔ The scientific design of condenser and evaporator ensures maximum heat exchanging capability and easy cleaning.
- ✔ The LCD touching screen is handy for operation. It can accurate the water temperature within 3°C to 50°C.

Model	Unit	SPTW-1	SPTW-2	SPTW-3	SPTW-4	SPTW-5	SPTW-8	SPTW-10	
Cooling Capacity	KW	2.77	5.28	7.91	12.9	15.22	23.8	30.5	
	Kcal/h	2382	4541	6803	11094	13091	20468	26230	
Compressor	Input Power	KW	0.89	1.77	2.8	4.5	5.2	4.5x2	
	Rated Power	HP	1	2	3	5	6	4x2	
Power		1PH-220V/50HZ			3PH-380V/50HZ(200V/220V/415V 50HZ/60HZ)				
Evaporator	Type	Water tank with coil (Shell & Tube)							
	Pipe Diameter	inch	6	6	1	1	1	2	2
Refrigerant	Type	R22							
	Quantity	Kg	1.6	1.8	2	2	2.5	4	5
Water Condenser	Type								
	Pipe Diameter	inch			1	1	1	2	2
Cooling Water flow	m3/h	0.476	0.908	1.36	2.22	2.6	3.95	4.42	
Air condenser	Type	Finned copper tube + Low noise outer robot fan							
	Fan Power	W	85x1	85x1	135x1	135x2	135x2	420x2	420x2
Water tank capacity	litre	20	20	50	60	60	110	110	
Pump	Power	KW	0.37	0.37	0.37	0.37	0.75	0.75	0.75
		HP	0.5	0.5	0.5	0.5	1	1	1
	Distance	m	23	23	23	23	35	13	13
	Flow Rate	L/min	100	100	100	100	110	200	200
Safety Protection		High & Low pressure protection, overload protection, over temperature protection, phase sequence protection, etc							
Dimensions (LxWxH)	Water cooled	mm	800x490x896		935x500x883x	935x500x883	935x500x883	1270x650x1413	1270x650x1413
	Air cooled	mm		795x566x1058	960x630x1073	1280x630x1118	1280x630x1118	1550x830x1543	1550x830x1543

Model	Unit	SPTW-12	SPTW-15	SPTW-20	SPTW-25	SPTW-30	SPTW-40	SPTW-50	
Cooling Capacity	KW	34.3	45	61	69	92	122	136	
	Kcal/h	29498	38700	52460	59340	79120	104920	117476	
Compressor	Input Power	KW	10	4.5x3	9x2	10x2	9x3	9x4	
	Rated Power	HP	6x2	5x3	10x2	12.5x2	10x3	10x4	
Power		1PH-220V/50HZ			3PH-380V/50HZ(200V/220V/415V 50HZ/60HZ)				
Evaporator	Type	Water tank with coil (Shell & Tube)							
	Pipe Diameter	inch	2	2	2.5	2.5	3	3	3
Refrigerant	Type	R22							
	Quantity	Kg	5	7.5	11	11	12	18	18
Water Condenser	Type	3							
	Pipe Diameter	inch	2	2	2.5	2.5	3	3	3
Cooling Water flow	m3/h	5.03	7.1	8.84	10.06	13.6	17.75	21.9	
Air condenser	Type	Finned copper tube + Low noise outer robot fan							
	Fan Power	W	550x2	750x2	550x3	750x3	800x3	800x3	800x4
Water tank capacity	litre	110	200	350	350	420	420	420x4	
Pump	Power	KW	0.75	1.5	1.5	2.2	2.2	4	4
		HP	1	2	2	3	3	5	5
	Distance	m	13	15	15	16	16	16	16
	Flow Rate	L/min	200	360	360	650	650	700	700
Safety Protection		High & Low pressure protection, overload protection, over temperature protection, phase sequence protection, etc							
Dimensions (LxWxH)	Water cooled	mm	1270x650x1413	1270x750x1413	1880x880x1650	1880x880x1650	1880x880x1650	2150x1080x1950	2150x1080x1950
	Air cooled	mm	1550x830x1543	1850x1000x1640	2150x1000x1820	2400x1150x1740	2600x1150x1940	2150x2000x1820	2400x2250x1840

Gravimetric Blender



- 1 The modulized components can be disassembled for easy cleaning.
- 2 The adopted PLC panel shows reliable performance and easy maintenance.
- 3 The adopted functions such as advanced algorithm of controlling, autonomous optimization, automatic calibration and anti-vibration, can ensure the highest accuracy.
- 4 The standard models can process four dosing. (Six-dosing modules can be customized)
- 5 Touch screen operation is achieved with multiple languages, option and diagrams with colors.
- 7 Up to 100 recipes can be stored for later use.
- 8 The gravimetric blender is adopted with Multilevel password protection and keep alarm records.
- 9 Standard USB2.0 interface is easy for saving recipe data into flash disk, and hence fulfill the quality control management.
- 10 With sound and flash alarm, operators can be informed shortly and evidently for reparation.
- 11 All raw material contact parts are made of stainless steel, which can prevent the materials being polluted.
- 12 The gravimetric blender can be directly mounted on the injection machine or optional stand frame near the injection machine.

Optional components

- ✓ Hopper low material level alarm switch.
- ✓ Automatic loading control module.
- ✓ Pneumatic slide gate(adapted for injection machine mounting models).
- ✓ Floor stand frame, pneumatic slide gate, storage tank and suction box are adapted for floor mounting models.
- ✓ Ethernet interface, MODBUS, PROFIBUS communication modules, can fulfill the remote monitoring. They can also transfer data with extrusion machines and injection machines

Model	SPTGB-50	100	200	400	600	800	1200	2000	2500	3000
Qty of Group number	4	4	4	4	4	4	4	4	4	4
Mixing capacity (kg/hr)	50	100	200	400	600	800	1200	2000	2500	3000
Batch weight (kg)	0.6	1.2	2.2	4.5	6	8	12	20	25	30
Main material mixing range (%)	5-100	5-100	5-100	5-100	5-100	5-100	5-100	5-100	5-100	5-100
Additive mixing range (%)	0.5-10	0.5-10	0.5-10	0.5-10	0.5-10	0.5-10	0.5-10	0.5-10	0.5-10	0.5-10
main hopper volume (L)	18	25	32	45	70	100	130	160	180	230
Additive hopper volume (L)	18	25	32	45	70	100	130	160	180	230
Mixing barrel volume (L)	6	6	20	20	40	40	80	80	100	180
Power supply (V/Hz)	1Ø	1Ø	1Ø	1Ø	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø
	230/50	230/50	230/50	230/50	230/50	230/50	400/50	400/50	400/50	400/50
Total power (kW)	0.12	0.12	0.25	0.25	0.55	0.55	1.5	1.5	1.5	3
Compressed air (kgf/cm2)	6~8									
max. noise level (dB)	<75									

Volumetric Dosers



- ✓ The modulized components can be disassembled easily and help with screws and sleeves alternation.
- ✓ The adopted hybrid stepper motor which can guarantee measurement accuracy.
- ✓ The motor drives directly with no gearbox. It sustain longer service life and it is maintenance-free.
- ✓ The microprocessor controller is easier for operation.
- ✓ The data memory chip can store up to 50 recipes and operators can select the recipes easily.
- ✓ The dosing screws are chrome plated for better durability.
- ✓ The dosing section can be removed without granule leaking form the neckpiece. There is a viewer adopted on the side of the neckpiece.

Model	Single color unit				Double color unit
	SPTSD-16	SPTSD-24	SPTSD-33	SPTSD-50	SPTSD-16*2
Motor Power (kw)	0.1	0.1	0.3	0.3	0.1*2
screw dia (mm)	16	24	33	33	16*2
output capacity (kg/hr)	0.5-20	Mar-60	8-110	15-300	(0.5~20)*2
storage capacity (L)	8	8	15	15	8*2
main hopper	optional	optional	optional	optional	standard
mixer	optional	optional	optional	optional	standard
floor stands	optional	optional	optional	optional	standard
dimensions					
H(mm)	410	410	410	410	410
W(mm)	600	600	600	600	1050
D(mm)	300	300	300	300	300
NW(kg)	25	25	25	25	50

Vertical Color Mixer



- ✓ Vertical structure with four-wheeled, small size, removing easily
- ✓ Vertical reducer motor adopted ensures low noise and long operation hours
- ✓ Fast complete mixing low energy consumption and high productivity
- ✓ Barrel cover and bottom parts formed by pressing, precisely matched and durable
- ✓ Mixing time able to set within 0-30 minutes.

Model	Power		Capacity (Kg)	Voltage (V)	Dimension	Rotating Speed (R/min)	Approx. net weight (KG)
	Motor (kw)	Heat (HP)					
SPTVM-25	0.75	1	25	380 3Ø	72x72x92	85	83
SPTVM-50	1.5	2	50	380 3Ø	83x83x112	85	125
SPTVM-100	3	4	100	380 3Ø	100x100x128	85	180
SPTVM-150	4	5.5	150	380 3Ø	113x113x140	85	270
SPTVM-200	7.5	10	200	380 3Ø	120x120x139	85	313

Low Speed Crusher



- ✓ The low speed crushers are designed without screen netting and the machine is to be installed beside the machines IMM with low speed rotation, especially recycling for all kinds of blow moulded products and scrape materials.
- ✓ Stable functions, low noise, and low dust contamination, high crushing power with good out coming without any overheating problem during the operating and it is a very durable machine.

Model	Crusher Chamber(mm)	Crusher Capacity (kg/h)	Rotating Speed (R/min)	Power		Machine dimension (mm)	Approx. Net Weight (kg)
				Motor (kw)	Heat (HP)		
SPTGL-2316	230x160	50-80	25	0.75	1	76x52x123	260
SPTGL-2325	230x250	80-100	25	1.5	2	94x54x137	380
SPTGL-2626	260x260	100-150	25	2.2	3	76x52x137	260
SPTGL-2636	260x360	150-200	25	3	4	94x54x137	380

Cooling Tower



- ✓ Compact Light weight design
- ✓ Corrosion resistant
- ✓ Long Lasting Life
- ✓ Energy efficient
- ✓ Solid FRP fan Blades
- ✓ Compatible Motor

Model	Nominal Tones	Motor Capacity (Hp)
STCT 3	100	3
STCT 5	161	5
STCT 7.5	180	7.5
STCT 10	220	10
STCT 15	248	15
STCT 20	304	20
STCT 25	410	25
STCT 30	436	30
STCT 40	475	40

Intermediate Speed Granulator



The SPTGM series granulators are with excellent quality and simple operation. The general speed of 250rpm is designed to granulate sprue (Runners) and minimize the operating noise and wear & tear of the cutter blades. Electrical & mechanical safety devices meet European safety regulations.

- ✓ Small footprint
- ✓ Optimized cutter saddle.
- ✓ No tools required for maintenance & cleaning up.
- ✓ Low power, noise and energy saving.
- ✓ High-grade safety.

Model	Crusher Chamber(mm)	Crusher Capacity (kg/h)	Rotating Speed (R/min)	Stationary cutter	Rotary cutter	Power(kw)	Machine dimension (mm)	Approx. Net
SPTGM-1817	180X170	40-70	320	2	9	1.5	69x42x113	135
SPTGM-1824	180X240	50-90	320	2	21	2.2	93x49x1140	220
SPTGM-2231	220X310	90-150	320	2	27	4	69x42x113	135

Material Storage Tank



Model	Capacity (Kg)	Size (WxDxH)
TANK- 25	25	410x410x790
TANK- 50	50	510x510x850
TANK-100	100	560x560x1050
TANK-200	200	730x730x1250
TANK-300	300	860x860x1350
TANK-400	400	1030x1030x1380
TANK-500	500	1190x1190x1350
TANK-600	600	1190x1190x1470
TANK-800	800	Ø1100xH2325
TANK-1000	1000	Ø1250xH2350
TANK-1200	1200	Ø1250xH2605
TANK-1500	1500	Ø1400xH2720
TANK-2000	2000	Ø1500xH2720
TANK-3000	3000	Ø1600xH3350
TANK- 5000	5000	Ø1800xH4450

Claw Type Crusher



- ✓ To increase the efficiency added the cutting angle for front blade
- ✓ It makes the better soundproof effects having two layers sound insulation inside the cast hopper.
- ✓ Use Cr12MoV high strength alloy tool steel blade
- ✓ Adopt famous brand electrical appliances, motor in view of the large pieces of rubber head material or high hardness materials

Model	Crusher Chamber(mm)	Crusher Capacity (kg/h)	Rotating Speed (R/min)	Stationary cutter	Rotary cutter	Power(kw)
SPTGPJ-1816	180X160	90-120	320	2	3	2.2
SPTGPJ-2922	290x220	100-160	320	2	6	4
SPTGPJ-4025	400x250	150-400	320	2	6	5.5
SPTGPJ-4025	400x250	150-400	320	2	6	7.5
SPTGPJ-4630	460x300	300-600	320	2	6	11
SPTGPJ-5133	510x330	500-800	320	2	6	15
SPTGPJ-5540	550x400	700-1000	320	2	6	22
SPTGPJ-5072	500x720	1500-1800	320	2	9	37
SPTGPJ-6394	620x940	1500-2400	320	4	9	55
SPTGPJ-63110	630x1100	2600-3600	320	4	9	75

3 in 1 Honeycomb Dehumidifying Dryer



The STHCD series dehumidifying dryer combine a dehumidifying and drying system in single unit. They have many applications in processing plastic materials such as PA, PC, PBT, PET, etc. can supply dehumidified dry air with a dew point down to -40 and -50 res. All models feature honeycomb dehumidifiers with built-in process heater and insulated drying hopper. The STHCD series offers accurate PID temperature control as standard, with LCD touch screen, dew-point monitor, and hopper loaders as optional features.

- ✔ The STHCD dehumidifying dryer use honeycomb dehumidifiers with an eye-catching semi-integral appearance.
- ✔ Each model combines dehumidifying and drying functions into a single unit.
- ✔ Material processing is controller via microprocessor as standard with touch screen PLC control as an option for more convenient control.
- ✔ Insulated drying hopper features dry air down blowing and cyclone exhaust design. This improves drying efficiency and reduces energy consumption while maintaining a steady drying effect.
- ✔ Compact in size for ease of movement and space saving.
- ✔ The dehumidifying section of the STHCD series features two condensers to ensure a low return air temperature and low dew-point.
- ✔ Dew-point monitor can be fitted to check dry air dew-point.
- ✔ Optional suction box and hopper loader for added convenience when conveying material.

Model		STHCD-8015/25/50/75	STHCD-12075/100/150	STHCD-150100/120/150/200	STHCD-200200/300	STHCD-300300/400	STHCD-400400
Dry Hopper	Capacity (L)	15/25/50/75	75/100/150	100/120/150/200	200/300	300/400	400
	Heat Protection Material	Fiberglass + Stainless Steel					
Dry-Air Dew point		-40°C					
Temperature (°C)		80-180					
Air Flow (m³/h)		80	120	150	200	300	400
Blow Power (KW)		0.75	0.75	1.1	1.5	2.2	3
Regeneration Blower (KW)		0.25	0.25	0.25	0.55	0.55	0.75
Drying Heater (KW)		3/3/3.9/4.2	5.4	5.4	7.2	12	151
Regeneration Heater (KW)		2.7/3.8/3.8	3.9	3.9	5.4	5.4	7.2
Pipe Sizes	Drying (mn).	51	51	51	63	63	76
	Cooling (Inch).	3/4"					
	Regeneration (mn)	38	38	38	51	51	51
Conveying Blower (KW)		0.75	1.1	1.1	1.5	1.5	1.5
Conveying Distance (m)	Stage 1	10					
	Stage 2	10					
Hose Size (Inch)		1.5					
Sensor Hopper Capacity (L)		7.5					
Vaccum Hopper Capacity (L)		7.5					
Dimention LxWxH (cm)		100x87x180	100x87x180	100x87x180	123x95x239	165x130x225	150x130x280
Approx. Net Weight (KG)		310	340	360	420	550	600

Hot Runner Temperature



- ✔ PID auto temperature control
- ✔ Editable zone name (auto/manual)
- ✔ Automatic shutdown for heater abnormality
- ✔ Current, output percentage display function
- ✔ Fast alternative for 230V/380V power input
- ✔ Easy swapping for individual module failures
- ✔ 8 curves display (temperature, output percentage)
- ✔ Synchronized temperature raising/lowering
- ✔ Module memory (internal and external USB drive)
- ✔ Internal alarm buzzer (with alarm sound stop switch)
- ✔ Detection for heater open and short circuits
- ✔ RS485 communication function: ASCII and RTU mode
- ✔ Temperature range: Thermocouple K
- ✔ TYPE:0~600°C(32~999°F)/J TYPE:0~600°C(32~999°F)
- ✔ Self diagnosis log: (current, voltage, heater impedance, power, thermocouple, heater, fuse, TRIAC status)
- ✔ Web based file output function (USB)
- ✔ Selectable six alarm modes
- ✔ Load Power Usage display per zone
- ✔ Detection for fuse breakage
- ✔ Setting for output percentage limit
- ✔ Power balance detection and display
- ✔ Thermocouple break and inverse detect
- ✔ Selectable two thermocouple types (J/K)
- ✔ Selectable two temperature scales (°C/°F)

Zones	Dimensions	W(mm)	D(mm)	H(mm)
2 Zone		114	220	198
4 Zone		148	282	176
6 Zone		200	282	176
8 Zone		250	282	176
10 Zone		302	282	176
12 Zone		352	282	176
16 Zone		454	282	176
20 Zone		555	282	176
24 Zone		353	282	363
28 Zone		403	282	363
32 Zone		454	282	363
40 Zone		555	282	363
60 Zone		555	302	504
64 Zone		454	317	645



Head Office

Pune

No-C901, Shiva Heights,

Shivar Chowk, Rahtani, Pune-411017

Email: sales@supraktechnologies.com

Website: www.supraktechnologies.com

Contact : +91 2066301188, +91 9370252525

■ Factory-

Plot No 7, Ganesh Nagar, Telco Road, Near Quality

Circle, MIDC, Bhosari, Pune-411026

Email: sales@supraktechnologies.com

Website: www.supraktechnologies.com

Contact : +91 2066301188, +91 9370252525

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