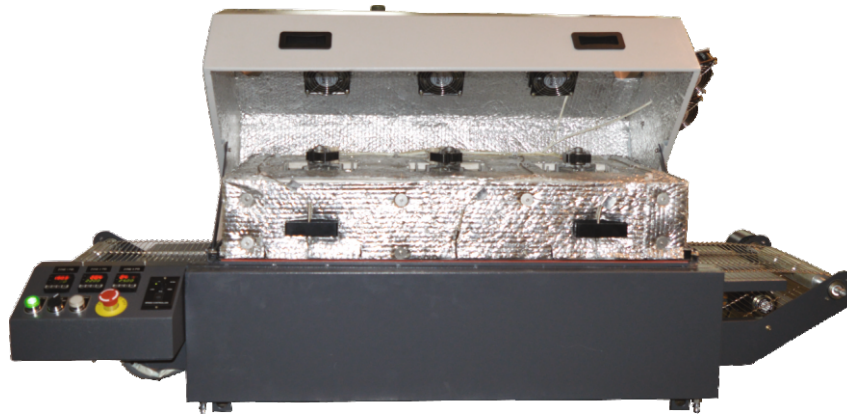


EMS Konark 30



■ EMS Konark 30

EMS Konark 30 is Table Top Full Hot Air Convection Reflow Oven with Three Top Heating Zones. The design concept of **Konark 30** is same as that of Field Proven higher end versions – Konark 145 - 5 zones and Konark 257 - 7 zones. The heaters are same high reliable open coil heaters and the blowers are new compact ones but with built-in cooling fan blade and are also further cooled by cooling fans blowing in from top cover.



The Zone temperatures are controlled three independent PID controllers to achieve stable temperatures. The heaters are switched thru PLC with special timing controlled program to keep max power consumption to 5.5KW. PLC also takes care of alarm conditions like Over Temperature, Under Temperature, Temperature not rising etc and turns on the fault indicator on the front control panel. The Mesh Conveyor is driven thru AC motor with speed controller and the speed is adjustable from the front control panel.

The machine is fully insulated to avoid any heat loss to outside and to keep the covers cool from outside.



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■ EMS Konark 30 Reflow Specifications

Features	Specifications	Features	Specifications
Electrical Supply		Hot Air Convection Zones	
Power Supply	230 V, 1Ph, 50Hz	No .of Zones	3 Top
Power Consumption	5.5 KW	Heating Tunnel Length	1000mm
Control		Max. Zone Temperature	300° C
Overall Machine	PLC Control	Accuracy of Temp Control	± 1°C
Temperature Control	PID Control	Cooling Zone	One Air Cooling outside
Conveyor		Machine Dimensions	
Type of Conveyor	Mesh	Length X Width X Height	1810mm x 700mm x 700mm
Max. PCB Width	300mm	Machine Weight	150 Kgs
Clearance above Mesh	25mm	Shipping Dimensions	
Conveyor Direction	Left to Right	Length X Width X Height	2110mm x 950mm x 1050mm
Conveyor Speed	Max.100cm/min	Shipping Weight	220Kgs

* Provisional Specifications, subject to change without notice.

Manufactured by

 **EMS TECHNOLOGIES PVT. LTD.**

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