

SCH Technologies

Conformal Coating Services, Equipment,
Technical Support & Humiseal Materials.

The UV100 Conformal Coating UV Curing Oven

SCH Technologies is a Trading Name of SCH Services Limited
Unit B, 4 Wharnccliffe Street, Barnsley, South Yorkshire. S70 6BP
Tel: +44 (0)1226 297711 Fax: +44 (0)1226 297733
www.conformalcoating.co.uk
sales@schservices.com

UV100 Conformal Coating UV Curing Oven

Conveyors

SCH Technologies Conveyors are robust, powder coated or stainless steel UV curing conveyors. They are specifically designed for both laboratory applications and continuous production line use.

They provide an infinitely variable speed output and lamps are height adjustable to allow for differing products.

The conveyors can be bench mounted or floor standing SMEA systems and all systems contain the air box with plenum for exhaust or vacuum purposes.

UV Lamps

Our curing ovens can incorporate arc lamps and microwave lamps. All are a robust and well engineered range of air-cooled modular UV curing lamp systems for industrial processes and are perfect for conformal coatings. The units have been designed for installation where space is at a premium but high power UV outputs are still demanded.

The range of lamps available, are carefully engineered to ensure simple application, installation, operation and maintenance.



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Standard Specifications for SMEMA Conveyors

Electrical:	230v, 1ph, 50hz
Speeds:	Max. 4m/min
Exhaust:	150mm plenum to suit external fan. Light shield incorporates louvers for make up air
Conveyor:	Pin chain conveyor, adjustable width (50 - 300mm)
External Dims.(approx):	L2000mm (1 or 2 lamps) x W660mm x H1600mm (with lamp)
Options:	Lamp intensity monitor, RF detector mounting, automated adjustable width

Standard Specifications for Stainless Steel Conveyors

Electrical:	230v, 1ph, 50hz
Speeds:	Max. 150m/min
Exhaust:	150mm plenum to suit external fan. Light shield incorporates louvers for make up air
Conveyor:	Teflon coated open weave belt. 300mm wide
External Dims.(approx):	L1400mm (1 or 2 lamps) x W330mm x H250mm + light shield/lamp
Options:	Lamp intensity monitor, Floor stand, RF detector mounting

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Lamps

Contact us for in depth information on the lamp options for the two systems as both arc and microwave lamps have various benefits and drawbacks depending on the specific application of the curing oven.

