



IP testing in the Lincoln lab



Dust test



Final test of actur duty cycle, electrical safety, EMC

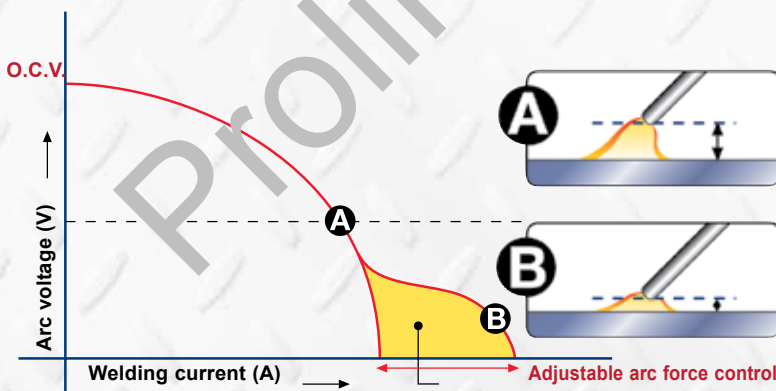
TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimension HxWxD (mm)	Protection/Insulation Class	Compliance
270SX	K12040-1	415V/3/50-60Hz +/-15%	20A	22	389 x 247 x 172	IP23 / H	EN60974-1 EN60974-10 CE ROHS
400SX	K12042-1		30A	36	415 x 271 x 162		

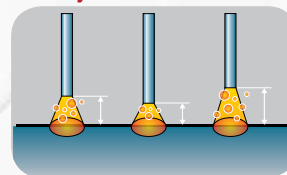
WELDING OUTPUT

Product	Current range	Input power	Rated output (40°C)	O.C.V.
270SX	5-270A	9.5kW @ 35%	270A / 30.8V @ 35%	45Vdc
		6.3kW @ 100%	200A / 16V @ 100%	
400SX	5-400A	10.9kW @ 35%	400A / 30V @ 35%	45Vdc
		16.4kW @ 100%	300A / 32V @ 100%	

AUTO ADAPTATIVE ARC FORCE

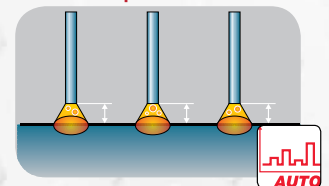


Adjustable Arc Force



At the moment the Arc tended to short, the Amperage (B) increases to re-establish the Arc. The percentage extra weld current is adjustable.

Auto-adaptative Arc Force



The Arc voltage is measured continually to adapt the optimum value of Arc Force. This optimizes the Arc stability and minimizes spatter