

S720A

Solid-State Spark Generator

The S720A solid-state spark generator (igniter) is a high-performance ignition transformer used to ignite gun-type oil burners and power gas burners in domestic, commercial and industrial applications.



S720A□□□-□□A

S720A□□□-OHL50

Specifications

Ambient temperature	-20 to +60°C
Ambient humidity	90%RH max. at 40°C
Electrode gap	3 to 3+1.5mm (recommended)

Selection Guide

(See table below)

Applicable burner	Gun type oil burner						Power gas burner	
Model No.	S720A100-OHA	S720A100-OFA	S720A100-OHL50	S720A200-OHA	S720A200-OFA	S720A200-OHL50	S720A100-GHA	S720A200-GHA
Power (50/60Hz)	100Vac	100Vac	100Vac	200Vac	200Vac	200Vac	100Vac	200Vac
Secondary output voltage	Approx. 16kV (at rated voltage, and room temperature and humidity)							
No. of electrode	2	2	2	2	2	2	1	
Max. air velocity between electrodes	Approx. 20m/s	Approx. 20m/s	Approx. 17m/s	Approx. 20m/s	Approx. 20m/s	Approx. 17m/s	Approx. 20m/s	
Time rating	120min-50%	6min-20%	60min-50%	60min-50%	6min-20%	60min-50%	6min-20%	
	% indicates allowable use rate of continuous ignition time. (Ex) 120min-50%: 60min							
Performance	Half-wave	Full-wave	Half-wave	Half-wave	Full-wave	Half-wave	Half-wave	
High voltage terminal	Arrowhead terminal	Arrowhead terminal	50cm high voltage cable	Arrowhead terminal	Arrowhead terminal	50cm high voltage cable	Arrowhead terminal	
Grounding system	Neutral grounding	Neutral grounding	Neutral grounding	Neutral grounding	Neutral grounding	Neutral grounding	1 line grounding	
Power consumption	35VA	60VA	35VA	45VA	65VA	45VA	35VA	45VA
Mass	Approx. 420g	Approx. 420g	Approx. 500g	Approx. 420g	Approx. 420g	Approx. 500g	Approx. 420g	

Accessories (sold separately)

Model No.	Cable length	Description
YS7200A300-S1	30cm	High voltage cable (10 units)
YS7200A500-S1	50cm	
YS7200A1000-S1	1m	
YS7200A2000-S1	2m	

Dimensions

(Unit: mm)

- S720A□□□-OHA
- S720A□□□-OFA
- S720A100-GHA
- S720A200-GHA

- S720A□□□-OHL50

