

SP SERIES

CLASSIC QUARTZ BARREL SYSTEMS

BSET EQ is proud to present its innovative "SP- Series" plasma systems. High tech, flexibility and affordability have always been important assets at BSET. Whether you are doing R&D, small or large scale production runs there is an SP-Series system designed for your application. BSET offers free laboratory services to help qualify its technologies for your applications. We are proud to extend these valuable services before and after ownership of our quality equipment and services. We have world wide sales and service infrastructure that is happy to serve you.

Choose from our smaller SP-6 / 8 or larger SP-10 / 15 systems, and note our advantages ...

- ❑ Wet chemicals are eliminated.
- ❑ All systems are easy to use table top systems.
- ❑ SP series processes are more efficient and more cost effective than other solutions.
- ❑ Plasma processes provide safer, cleaner surrounding for operators and is environmentally friendly.
- ❑ Advanced features are available and are found in no other unit in its price range.



APPLICATIONS

- ❖ HYBRID CLEANING
- ❖ CLEANING OF IRREGULAR SHAPES
- ❖ STRIPPING OF IRREGULAR SHAPES
- ❖ WAFER TREATMENTS IN BOATS
- ❖ PHOTORESIST STRIPPING
- ❖ DIELECTRIC STRIPPING
- ❖ RESEARCH AND DEVELOPMENT
- ❖ FAILURE ANALYSIS

- SP-10 SHOWN AT LEFT WITH 10" QUARTZ CHAMBER & SBC CONTROLLER
- SEE OUR SP-6 SYSTEM & SPECS ON THE BACKSIDE OF THIS BROCHURE

BSET EQ has been providing plasma solutions to the industries since 1996. This year we are proud to celebrate our 10th anniversary !!!

BSET EQ
SOLUTIONS THROUGH GAS PLASMA

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BSET EQ is dedicated to providing useful, affordable plasma systems to its customers. All systems come with standard features that others list as options. We do this because we do not believe in selling value reduced equipment. Standard features include

- 13.56 MHz power supplies with auto matching included
- Quartz chambers for ultimate cleanliness in process
- Capacitance manometers for accurate pressure readings
- O2 ready pumping systems

In addition to this we also refuse to provide value reduced service. We put forth every resource we have to provide you with the best after sales service and process support available.

SP-6 shown above configured with 300 watt generator , PLC control and two gas channels. The SP-6 is a perfectly affordable introductory tool for first time plasma users investigating the benefits of plasma. It is also ideal for small parts production or R&D !!!!

SP SERIES CONFIGURATION TABLE

	PLC CONTROLLER *	5BC CONTROLLER WINDOWS BASED	TWO GAS CHANNELS FLOWMETERS *	3 GAS CHANNELS FLOWMETERS	4 GAS CHANNELS FLOWMETERS	MASS FLOW CONTROLLER UP-GRADE	CAPACITANCE MANOMETER *	SPECIFY SHELVEING	OPTICAL ENDPPOINT	300 WATT GENERATOR	600 WATT GENERATOR	1000 WATT GENERATOR	3.2 CFM VACUUM PUMP O2 SERVICE	11 CFM VACUUM PUMP O2 SERVICE	23 CFM VACUUM PUMP O2 SERVICE	47 CFM VACUUM PUMP O2 SERVICE	OIL FILTRATION	N2 PURGE	OIL MIST ELIMINATOR *	PRESSURE CONTROL	STAND ALONE SYSTEM ENCLOSURE	TABLE TOP
SP-6	X		X	X		X	X	X		X			X	X		X		X				X
SP-8	X	X	X	X	X	X	X	X	X	X			X	X		X		X	X			X
SP-10	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X
SP-15	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		

* DENOTES STANDARD OPTION

X DENOTES AVAILABLE OPTION

CUSTOM CONFIGURATIONS AVAILABLE

SYSTEM SPECIFICATIONS CHART

	SYSTEM WEIGHT	SYSTEM DIMENSIONS	CHAMBER DIMENSIONS	ELECTRICAL FACILITIES	PUMP EXHAUST	N2 OR CDA	GAS FITTINGS	SPECIFICATIONS MAY CHANGE AT ANY TIME. SPECIAL SPECS AVAILABLE AT CUSTOMERS REOUFEST.
SP-6	50 Lbs	12W X 16H X 18L	6W X 8L	120/240 VAC	1.0 ID HOSE	60 PSI	1/4 SWAGE	
SP-8	60Lbs	12W X 18H X 20L	8W X 12L	120/240 VAC	1.0-1.5 I.D.	60 PSI	1/4 SWAGE	
SP-10	100 Lbs	24W X 30H X 24L	10W X 16D	120/240 VAC	1.5 I.D.	60 PSI	1/4 SWAGE	
SP-15	200 Lbs	24W X 72H X 30L	15W X18D	120/240 VAC	1.5-2.0 I.D.	60 PSI	1/4 SWAGE	

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