PlasmaFocus

PRODUCT		POWER/MAX DATA RATE	PERFORMANCE RANGE	APPLICATION							
				SPUTTERING		ETCH/CLEAN	CVD	ALD	ABATEMENT	HEATING, MELTING, AND MOULDING	OTHER
				METAL	INSULATIVE						
Direct Current/ Low Frequency	DC Suite: Ascent ®, Pinnacle®, and Solvix® Series	3 to 480 kW	—	X							X
	Pulsed-DC Suite: Pinnacle® Plus+ and Solvix® Series	3 to 60 kW	5 to 350 kHz	X	X						X
	Solvix® Arc Series	0 to 400 A	1 to 200 Hz (optional)	X	X						X
	Solvix® Bias Series	3 to 30 kW	1 to 350 kHz (optional)	X	X						X
	PEII Series	5 to 10 kW	40 kHz	X	X	X	X				X
	Ascent ® DMS Accessory for Ascent ® AMS DC	30 to 180 kW	500 Hz to 50 kHz	X	X						X
	Crystal® Series	60 to 180 kW	Up to 100 kHz	X	X		X				X
Mid Frequency	Paramount ® MF Series	2 to 8 kW	330 to 460 kHz			X	X				X
		5 to 15 kW	2 MHz			X	X				X
	PDX® Series	900 W to 8 kW	235 to 460 kHz			X	X				X
	Cesar ® Series	300 W to 5 kW	400 kHz to 4 MHz			X	X				X
High Frequency	Paramount ® HF Series	1.5 to 6 kW	13 MHz	X	X	X	X	X			X
	Apex® Series	1.5 to 10 kW	13 MHz			X	X				X
	Cesar ® Series	300 W to 5 kW	13 to 40 MHz			X	X				X
Very High Frequency	Paramount ® VHF	3 to 7 kW	27 to 60 MHz	X		X	X	X			X
	Cesar ® Series	300 W to 4 kW	13 to 40 MHz			X					X
Matching Networks	Navigator ® II Matching Networks	Up to 50 kW	Up to 60 MHz			X	X	X			
	Navigator ® Matching Networks	1 to 15 kW	2 to 60 MHz			X	X				X
	Navio™ Matching Networks	1 to 5 kW	13 to 60 MHz				X				X
Source Technology	Quanta™ Remote Plasma Sources	3 and 6 kW	60 MHz			X		X			X
	Litmas® RPS 1501 and 3001 Remote Plasma Sources	1.5 and 3 kW	1.7 to 3 MHz			X	X				X
	Litmas® RPS for Foreline Abatement	1.5 and 3 kW	1.7 to 3 MHz						X		X
Optical Temperature Pyrometers and Reflectometers	Sekidenko MXE with Reflectance	10 kHz	945, 1075 nm	X	X	X	X				X
	Sekidenko MXE Reflectometer	10 kHz	405, 605 nm	X	X	X	X				X
	Sekidenko OR4000T Multi-Channel	2 kHz	919, 950, 1020, 1500 nm	X	X	X	X			X	X
	Sekidenko OR4000E with Reflectance	1 kHz	919, 1020 nm	X	X	X	X			X	X
	Sekidenko OR400M	250 Hz	3.3, 5.2 µm	X	X	X	X			X	X
	Sekidenko OR400T	20 Hz	919, 950, 1020, 1500 nm	X	X	X	X			X	X
	Thyro-A® Digital Thyristor Power Controllers	1.8 kW to 1.55 MW	8 to 1500 A 230, 400, 500, or 600 V							X	
	Thyro-AX® Digital Thyristor Power Controllers with Touchscreen Display	0.3 kW to 1.55 MW	16 to 1500 A 24 to 600 V							X	
	Thyro-PX™ High-Precision Digital Thyristor Power Controllers for Industrial Applications with Touchscreen Display	3.6 kW to 3.4 MW	16 to 2900 A 230 to 500, or 690 V							X	
	Thyro-S® Digital Thyristor Switches	3.6 to 140 kW	16 to 280 A 230, 400, or 500 V							X	