



Plasma Powders & Systems, Inc.
SG-100 - Spare Parts List

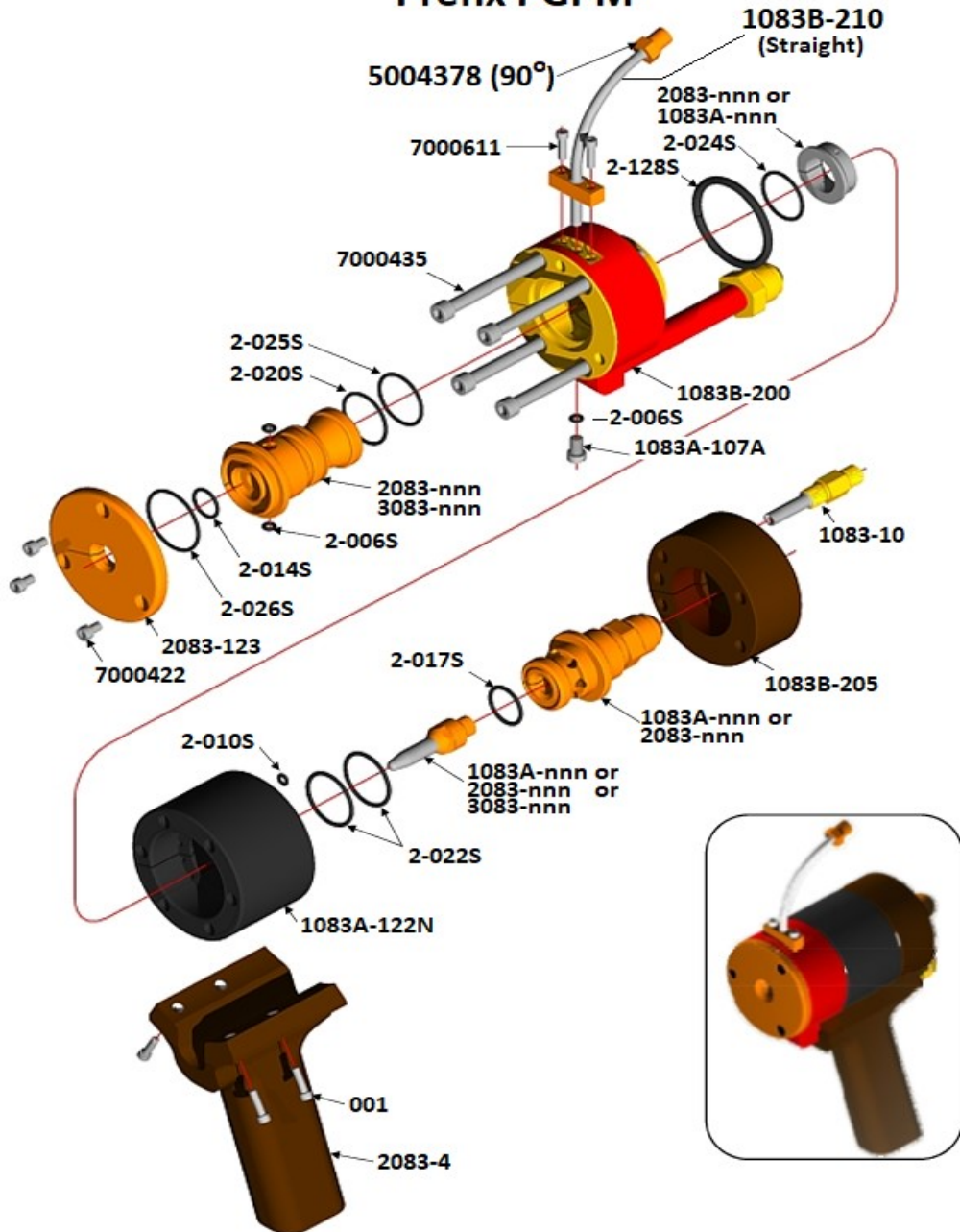


SG-100 Type Plasma Gun

Section 1: SG-100 Part List - Diagram

SG-100 Spares

Prefix PGPM-





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SG-100 – Spare Parts List

Section 2: SG-100 Part List

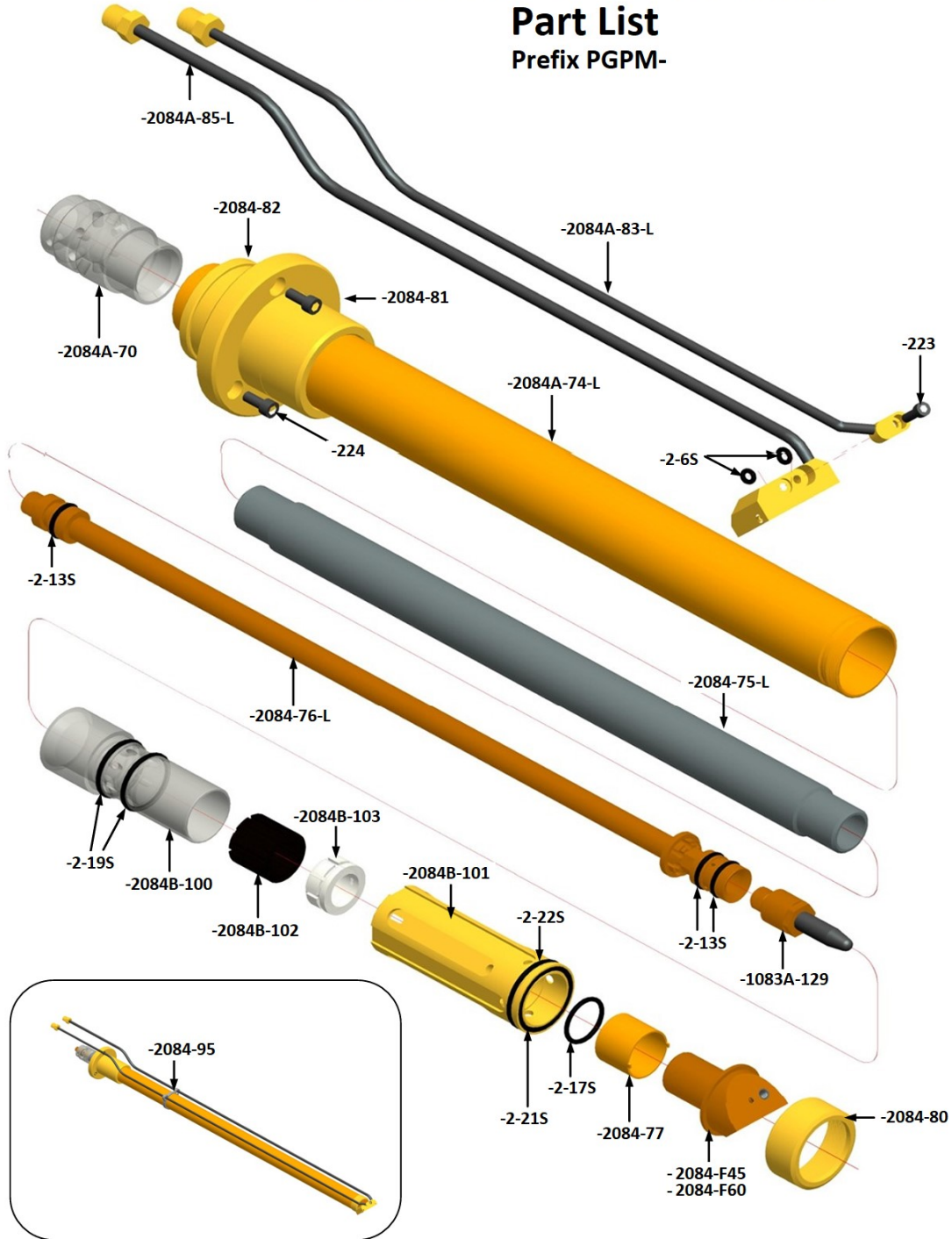
PGPM-#	OEM #	Description	PGPM-#	OEM #	Description
GUN-780-720	5001760	SG-100 Plasma Gun	2-006S		O-RING, Nozzle / Powder Port Plug
10	1083-10	Tube, Arc gas port, Assembly	200	1083B-200	Gun Housing, Front
205	1083B-205I	Gun housing, Rear Insulator	2-128S		O-RING, Front Housing
06-010S	2-010S	O-RING, Rear Housing	7000435		Screw, Insulator Housing
1083A-108	1083A-108	Cathode Holder (Fine thread)	2083-730	02083-730	Anode, Fwd. Inj. NVS (20 Deg Front)
1083A-720	1083A-720	Cathode NVS	3083-145	03083-145	Anode, Fwd. Inj., Sub-Sonic (10 Deg)
3083-129	3083-129	Cathode (Sub-Sonic)	3083-165	03083-165	Anode, Bkwd Inj., Sub-Sonic (10 Deg)
1083A-112	1083A-112	Cathode (Mach 1)	3083-175	03083-175	Anode, Straight Inj., Sub-Sonic (90 Deg)
1083A-104	1083A-104	Cathode (Mach 2)	2083-355	02083-355	Anode, Mach 1, (10 Deg)
2-017S	2-017S	O-RING Cathode Holder	2083-358	02083-358	Anode, Mach 1, (90 Deg)
122N	1083A-122N	Gun Housing, Middle, Insulator	155	02083-155	Anode, Bkwd Inj., Mach 1 (10 Deg)
2-022S	2-022S	O-RING Middle Housing	2083-100	02083-100	Anode, Mach 2, Fwd. Inj. (10 Deg)
2-024S	2-024S	O-RING Middle Housing	2083-611		Anode, Mach 1, Bkwd Inj. (10 Deg)
3083-112	3083-112	Gas Injector, NVS	2083-484		Anode, Sub-Sonic
113	3083-113	Gas Injector, sub-sonic, Mach 1	2-025S		O-RING Front Housing
3083-110	3083-110	Gas Injector Mach 2 STD (Brown)	2-020S		O-RING Nozzle
1083A-110	1083A-110	Gas Injector	2083-123	02083-123	Plate, Front Cover, Standard
5003644	5003644	Gas Injector – 8 Hole	2-026S		O-RING Front Cover/Nozzle Large
210		Tube, Powder (Straight)	2-014S		O-RING Front Cover/Nozzle Small
5004378	5004378	Tube, Powder (90 Degree)	7000422		Screw, Front Cover Plate
7000611	7000611	Powder Tube Screw	001		Screw, Gun Handle
107A	1083A-107A	Plug, Powder Port	002		Gun Handle
			2083-601		O-RING KIT, SG-100

Section 3: 2086A Part List – Diagram

PPS 1086A SG-100 EXTENSION

Part List

Prefix PGPM-





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Section 4: 2086A Part List

PGPM-#	OEM #	Description	PGPM-#	OEM #	Description
2086A-12		12" Extension Complete	1083A-129	1083A-129	Cathode
2086A-24		24" Extension Complete	3083A-129	03083-129	Cathode, Sub-Sonic
2086A-42		42" Extension Complete	2-019S		O-Ring Mid-Insulator 2086 Ext.
2084-95		Tube Clip	02084B-100	0284B-100	Middle Insulator Housing
223		Screw 6-32 CAP	02084B-101	02084B-101	Water Divider, Outer
2084A-74-L	02084A-74	Outside Tube 12,24,36,48"	02084B-102	02084B-102	Gas Distributor
0284A-75-L	02084A-75	Divider Tube PVC 12,24,36,48"	02084B-103	02084B-103	Gas Injector
0284A-76-L	02084A-76	Cathode Holder 12,24,36,48"	2-022S		O-Ring – Water Divider
2084A-83-L	02084A-83	Powder Tube Assembly 12,24,36,48"	2-021S		O-Ring – Water divider
2084A-85-L	02084A-85	Tube, Air, 45 Deg. 12,24,36,48"	2-017S		O-Ring – Water Divider
2-006S		O-RING – Air Assembly	2084-77	02084-77	Water Divider Anode/Tube
2084A-70	2084A-70	Rear Insulator	2084-F45	02084-F45	Anode, 45 Deg.
2084-82	02084-82	Locking Collar	2084-F60	02084-F60	Anode, 60 Deg.
2084-81	02084-81	Front Plate	2084-80	02084-80	Locking Ring
224		Screw front Cover	2084-505		ANODE, STRAIGHT 2086
2-013S		O-RING Cathode Holder			

Section 5: SG-100 Part List – Hoses / Cables

PGPM-	Description
987-7-12	Cable, Water cooled, Neg. 12 Ft.
987-8-12	Cable, Water cooled, Pos. 12 Ft.
987-4-12	Hose, Gas Powder, 12 Ft.
987-2-12	Hose, Gas, 12 Ft.



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