



Weld Set Reference: Z093216

Power Wave C300

General		
Procedure	Gas Type	Mode
Stick/Tig/Gouge		
Stick Soft		1
Stick Crisp		2
Stick Pipe		4
Tig	Argon	3
Tig - Pulse	Argon	8
Gouging		9
Wire Welding (Non Synergic)		
CV		5
FCAW-S	Self Shielded	6
FCAW-G	Gas Shielded	7
Power Mode		40
Steel		
.030 Wire Size		
CV	CO ₂	93
CV	Argon CO ₂	94
Pulse	Argon Mix	95
.035 Wire Size		
CV	CO ₂	10
CV	Argon Mix	11
Pulse	Argon Mix	12
Pulse RapidArc	Argon CO ₂	13
Vertical Up Pulse	Argon Mix	19
.040 Wire Size		
CV	CO ₂	14
CV	Argon Mix	15
Pulse	Argon Mix	16
Pulse RapidArc	Argon CO ₂	17

Procedure	Gas Type	Mode
.045 Wire Size		
CV	CO ₂	20
CV	Argon Mix	21
Pulse	Argon Mix	22
Pulse RapidArc	Argon CO ₂	18
Vertical Up Pulse	Argon Mix	23
Stainless		
Procedure	Gas Type	Mode
.030 Wire Size		
CV	Argon Mix	61
CV	HeArCO ₂	63
Pulse	Argon O ₂	62
Pulse	HeArCO ₂	64
Pulse	Argon CO ₂	66
.035 Wire Size		
CV	Argon Mix	31
CV	HeArCO ₂	33
Pulse	Argon O ₂	32
Pulse	HeArCO ₂	34
Pulse	Argon CO ₂	36
Vertical Up Pulse	Argon CO ₂	38
.045 Wire Size		
CV	Argon Mix	41
CV	HeArCO ₂	43
Pulse	Argon O ₂	42
Pulse	HeArCO ₂	44
Pulse	Argon CO ₂	46
Vertical Up Pulse	Argon CO ₂	48

Aluminum 4043		
Procedure	Gas Type	Mode
.035 Wire Size		
CV	Argon	148
Pulse	Argon	149
Pulse on Pulse	Argon	98
3/64 Wire Size		
CV	Argon	71
Pulse	Argon	72
Pulse on Pulse	Argon	99
Aluminum 5356		
.035 Wire Size		
CV	Argon	151
Pulse	Argon	152
Pulse on Pulse	Argon	101
3/64 Wire Size		
CV	Argon	75
Pulse	Argon	76
Pulse on Pulse	Argon	102
Metal Core		
Procedure	Gas Type	Mode
.045 Wire Size		
CV	Argon Mix	81
Pulse	Argon Mix	82
Pulse RapidArc	Argon CO ₂	87
.052 Wire Size		
CV	Argon Mix	83
Pulse	Argon Mix	84
Pulse RapidArc	Argon CO ₂	88

Flux Core		
Procedure	Gas Type	Mode
.045 Wire Size		
CV	CO ₂	90
CV	Argon Mix	91
Silicon Bronze		
.035 Wire Size		
Pulse	Argon	192
Nickel Alloy		
.035 Wire Size		
Pulse	Argon Helium	170
.045 Wire Size		
Pulse	Argon Helium	175
Copper		
.035 Wire Size		
Pulse	Argon Helium	195
.045 Wire Size		
Pulse	Argon Helium	196



CONTENTS OF WELDING SOFTWARE Z093216

Mode	Process	Procedure	Wire Size	Wire Type	Gas Type	ArcControl
1	SMAW	Stick Soft				Arc Force, Hot Start
2	SMAW	Stick Crisp				Arc Force, Hot Start
3	GTAW	Touch Start TIG			Argon	
4	SMAW	Stick Pipe				Arc Force
5	GMAW	CV				Pinch
6	FCAW-SS	CV			Self Shielded	Pinch
7	FCAW-GS	CV			Gas Shielded	Pinch
8	GTAW-P	Tig - Pulse			Argon	Frequency, Background
9	GOUGING	Arc Gouging				
10	GMAW	CV	0.035	Steel	CO2	Pinch
11	GMAW	CV	0.035	Steel	Argon Blends	Pinch
12	GMAW-P	Pulse	0.035	Steel	Argon Blends	UltimArc
13	GMAW-P	Pulse - RapidArc	0.035	Steel	Argon Blends	UltimArc
14	GMAW	CV	0.040	Steel	CO2	Pinch
15	GMAW	CV	0.040	Steel	Argon Blends	Pinch
16	GMAW-P	Pulse	0.040	Steel	Argon Blends	UltimArc
17	GMAW-P	Pulse - RapidArc	0.040	Steel	Argon Blends	UltimArc
18	GMAW-P	Pulse - RapidArc	0.045	Steel	Argon Blends	UltimArc
19	GMAW-P	Vertical Up Pulse	0.035	Steel	Argon Blends	Frequency Offset
20	GMAW	CV	0.045	Steel	CO2	Pinch
21	GMAW	CV	0.045	Steel	Argon Blends	Pinch
22	GMAW-P	Pulse	0.045	Steel	Argon Blends	UltimArc
23	GMAW-P	Vertical Up Pulse	0.045	Steel	Argon Blends	Frequency Offset
31	GMAW	CV	0.035	Stainless	Argon Blends	Pinch
32	GMAW-P	Pulse	0.035	Stainless	Argon O ₂	UltimArc
33	GMAW	CV	0.035	Stainless	He Ar CO2	Pinch
34	GMAW-P	Pulse	0.035	Stainless	He Ar CO2	UltimArc
36	GMAW-P	Pulse	0.035	Stainless	Argon CO ₂	UltimArc
38	GMAW-P	Vertical Up Pulse	0.035	Stainless	Argon CO ₂	Frequency Offset
40	GMAW	Power Mode				Pinch
41	GMAW	CV	0.045	Stainless	Argon Blends	Pinch
42	GMAW-P	Pulse	0.045	Stainless	Argon O ₂	UltimArc
43	GMAW	CV	0.045	Stainless	He Ar CO2	Pinch
44	GMAW-P	Pulse	0.045	Stainless	He Ar CO2	UltimArc
46	GMAW-P	Pulse	0.045	Stainless	Argon CO ₂	UltimArc
48	GMAW-P	Vertical Up Pulse	0.045	Stainless	Argon CO ₂	Frequency Offset
61	GMAW	CV	0.030	Stainless	Argon Blends	Pinch
62	GMAW-P	Pulse	0.030	Stainless	Argon O ₂	UltimArc
63	GMAW	CV	0.030	Stainless	He Ar CO2	Pinch
64	GMAW-P	Pulse	0.030	Stainless	He Ar CO2	UltimArc
66	GMAW-P	Pulse	0.030	Stainless	Argon CO ₂	UltimArc
71	GMAW	CV	3/64	Al 4043	Argon	Pinch
72	GMAW-P	Pulse	3/64	Al 4043	Argon	UltimArc
75	GMAW	CV	3/64	Al 5356	Argon	Pinch
76	GMAW-P	Pulse	3/64	Al 5356	Argon	UltimArc
81	GMAW	CV	0.045	Metal Core	Argon Blends	Pinch
82	GMAW-P	Pulse	0.045	Metal Core	Argon Blends	UltimArc
83	GMAW	CV	0.052	Metal Core	Argon Blends	Pinch
84	GMAW-P	Pulse	0.052	Metal Core	Argon Blends	UltimArc
87	GMAW-P	Pulse - RapidArc	0.045	Metal Core	Argon Blends	UltimArc
88	GMAW-P	Pulse - RapidArc	0.052	Metal Core	Argon Blends	UltimArc
90	FCAW-GS	CV	0.045		CO2	Pinch
91	FCAW-GS	CV	0.045		Argon CO ₂	Pinch
93	GMAW	CV	0.030	Steel	CO2	Pinch
94	GMAW	CV	0.030	Steel	Argon Blends	Pinch
95	GMAW-P	Pulse	0.030	Steel	Argon Blends	UltimArc
98	GMAW-PP	Pulse on Pulse	0.035	Al 4043	Argon	Frequency
99	GMAW-PP	Pulse on Pulse	3/64	Al 4043	Argon	Frequency
101	GMAW-PP	Pulse on Pulse	0.035	Al 5356	Argon	Frequency
102	GMAW-PP	Pulse on Pulse	3/64	Al 5356	Argon	Frequency
148	GMAW	CV	0.035	Al 4043	Argon	Pinch
149	GMAW-P	Pulse	0.035	Al 4043	Argon	UltimArc
151	GMAW	CV	0.035	Al 5356	Argon	Pinch
152	GMAW-P	Pulse	0.035	Al 5356	Argon	UltimArc
170	GMAW-P	Pulse	0.035	Ni Chrome	Argon He	UltimArc
175	GMAW-P	Pulse	0.045	Ni Chrome	Argon He	UltimArc
192	GMAW-P	Pulse	0.035	Si Bronze	Argon	UltimArc
195	GMAW-P	Pulse	0.035	Copper	Argon He	UltimArc
196	GMAW-P	Pulse	0.045	Copper	Argon He	UltimArc



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