DC TIG Power Sources   AC/DC TIG Power Sources

FEATURE/SETTING	TigMatic 300iP	Maxstar® 210 DX	Maxstar® 280 DX	Maxstar® 400	Maxstar® 800	Syncrowave® 300	Syncrowave® 400	Dynasty® 210	Dynasty® 300	Dynasty® 400	Dynasty® 800
Duty Cycle	300 A @ 35%	210 A @ 60%	250 A @ 60%	300 A @ 60%	600 A @ 60%	210 A @ 60%	300 A @ 60%	210 A @ 60%	250 A @ 60%	300 A @ 60%	600 A @ 60%
Input voltage	400 V, 3ph	1 & 3ph Auto-Line™	1 & 3ph Auto-Line™	3ph Auto-Line™	3ph Auto-Line™	380-400 V, 3ph	380-400 V, 3ph	1 & 3ph Auto-Line™	1 & 3ph Auto-Line™	3ph Auto-Line™	3ph Auto-Line™
Weight	24 kg	19 kg	23 kg	61 kg	90 kg	80 kg (water cooled)	96 kg (water cooled)	23 kg	25 kg	61 kg	90 kg
LCD graphical user interface	●	–	–	–	–	–	–	●	●	–	–
Advanced automation start settings	–	–	–	●	●	–	–	–	–	●	●
ProSet	–	●	●	●	●	●	●	●	●	●	●
Memory function	●	–	–	●	●	–	–	·	●	●	●
AC TIG	–	–	–	–	–	●	●	●	●	●	●
AC TIG Pulse	–	–	–	–	–	–	–	0,1 - 500 PPS	0,1 - 500 PPS	0.1-500 PPS	0.1-500 PPS
DC TIG	●	●	●	●	●	●	●	●	●	●	●
DC TIG Pulse	0.1 - 1000 PPS	0.1-500 PPS	0.1-500 PPS	0.1-5000 PPS	0.1-5000 PPS	0.1-150 PPS	0.1-150 PPS	0,1 - 500 PPS	0,1 - 500 PPS	0.1-5000 PPS	0.1-5000 PPS
MMA DC	●	●	●	●	●	●	●	●	●	●	●
MMA AC	–	–	–	–	–	–	–	●	●	●	●
CV (Suitcase feeder)	–	–	–	–	–	–	–	–	●	–	–
AC Balance	–	–	–	–	–	30, 60-80%	30, 60-80%	30, 50 - 99 %	30, 50 - 99 %	30, 50-99%	30, 50-99%
AC Frequency	–	–	–	–	–	Fixed at 70 Hz	Fixed at 70 Hz	20 - 400 Hz	20 - 400 Hz	20-400 Hz	20-400 Hz
AC advanced square wave	–	–	–	–	–	–	–	●	●	●	●
AC soft square wave	–	–	–	–	–	●	●	●	●	●	●
AC Sine wave	–	–	–	–	–	–	–	●	●	●	●
AC Triangular wave	–	–	–	–	–	–	–	●	●	●	●
Independant EN/EP amp	–	–	–	–	–	–	–	●	●	●	●
STD mode	●	●	●	●	●	●	●	●	●	●	●
2T mode	●	●	●	●	●	●	●	●	●	●	●
4T mode	●	●	●	●	●	–	–	●	●	●	●
Special Trigger modes	●	●	●	●	●	–	–	●	●	●	●
Tungsten selection (Automatic start parameter settings)	●	●	●	●	●	●	●	●	●	●	●
Pre-gas setting	●	●	●	●	●	●	●	●	●	●	●
Initial Amp setting	●	●	●	●	●	–	–	●	●	●	●
Adjustable slope up	●	●	●	●	●	–	–	●	●	●	●
Adjustable slope down	●	●	●	●	●	●	●	●	●	●	●
Final Amp setting	●	●	●	●	●	●	●	●	●	●	●
Post-Gas setting	●	●	●	●	●	●	●	●	●	●	●