



Weldclass
Be Outstanding

Ultra 220MP

Pulse MIG - Stick - TIG

Updated 16.12.2021



Optional
Platinum PP365
Push-Pull Torch



"This is my first time using a pulse MIG, and I have to say I'm extremely impressed. The 220MP was a breeze to set up. I believe it will completely replace my AC/DC pulse TIG's role in my workshop."

- Matthew, NSW

220A
Max Output

5-6mm Aluminium
10mm STEEL

15A
240V



Made in Italy



4 Year Warranty*



30-Day Money-Back Guarantee**



Single/Double Pulse



Takes 5kg or 15kg Spools



68 Synergic Programs
Standard/Pulse/Root



Easy-To-Use



Full Colour Interactive Display



USB Interface
Update software, download weld data, save settings



Remote Control Torch



Push-Pull Ready
Pre-configured for Push-Pull torch



ATC Advanced Thermal Control
Brilliant results on thin sheet (Steel, Alu & Brazing)

Includes:



MIG Torch 3m BZL 25 with remote controls



Gas Regulator



Earth Lead 4m



Drive Rollers for 0.8/0.9 Steel 1.0/1.2 Aluminium



Aluminium Torch Liner Kit

Optional



Push-Pull Torch










Stick Lead



TIG Torch

Part No.	Description
WC-220MP	Ultra 220MP Standard Package
WC-06369	Optional Push-Pull Torch 8m
WC-06233	Optional Stick Welding Lead
WC-00992	Optional TIG Torch 17FV 4m
WC-01049	Optional TIG Torch 26FV 8m

Process	Applications
 SINGLE PULSE MIG Switches output current between a high peak and low base current. Cooler weld causing less distortion, better penetration, higher welding speed and cleaner, spatter-free welds.	Aluminium, Bronze, Stainless wires.
 DOUBLE PULSE MIG Adds an additional pulse wave on top of Single Pulse.	Aluminium, Bronze, Stainless wires. Where appearance is critical. All-positional welding, including vertical & overhead.
 MANUAL MIG - Standard manual MIG welding where wire speed and voltage are set manually & independently.	Standard (non-pulse) MIG. Steel & most solid wires.
 SYNERGIC MIG - Pre-programmed settings to automatically adjust wire speed and voltage based on the wire type and material thickness selected.	
 ROOT MIG - Enables gap filling & first-pass root welding of pieces that are spaced apart that traditionally would only be achievable by TIG welding. Non-Pulse.	Root welds, poor fit-up, gaps & cracks. Steel only.
 TIG DC LIFT MMA - Stick Welding	Most types of stick electrodes.
 MMA TIG - Lift-arc DC TIG welding.	Steel & Stainless-Steel.

More Info



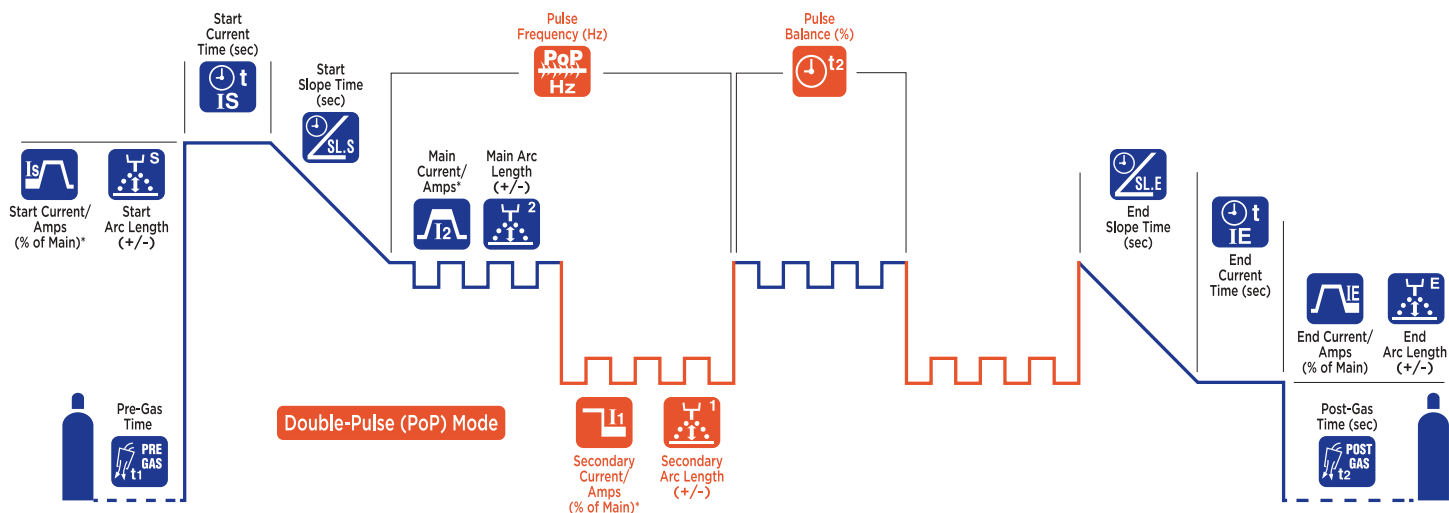
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Pulse Settings



Technical Data

Country of manufacture	Italy			
Dimensions (incl. handle)	620L x 500H x 270W mm			
Weight (power source only)	22kg			
Standard Compliance	AS 60974.1			
Power Supply	230/240V 15A 1-Phase			
Generator Size	Minimum 13kva, ideal 15+kva			
Spool Size Capacity	D200 (5kg steel / 2kg Alu) & D300 (15kg steel / 6-7kg Alu)			
Wire & Material Thickness Capacity (approx.)	Wire/Material	MIG Mode	Wire Sizes	Material Thickness
	Aluminium	Pulse	1.0/1.2mm	0.8-5/6mm*
		Non-Pulse		3-8mm
	Stainless-Steel	Pulse	0.8/0.9/1.0mm	0.8-5mm
		Non-Pulse		0.5-8mm
	Mild Steel	Non-Pulse	0.6/0.8/0.9/1.0mm	0.5-10mm
	Bronze	Pulse	0.8/0.9mm	0.8-5mm
		Non-Pulse	0.8/0.9/1.0mm	0.5-5mm
*Max 6mm single-pulse, 5mm double-pulse				
MIG Output	20 – 220A			
MIG Duty Cycle	Approx' Aluminium Thickness (pulse modes)	%	A	V
	2mm	100%	80A	18V
	3mm	60%	100A	19V
	5mm	20%	200A	24V
MIG Trigger Modes	2T, 4T & Bi-Level			
Drive System	Swiss-made 2-roll with Intelligent Tacheometric Control (self-calibrates based on arc parameter feedback for reliable & smooth wire feeding)			
TIG & MMA (stick) Output	20 – 160A			

