

● Light Industrial

● Medium Industrial

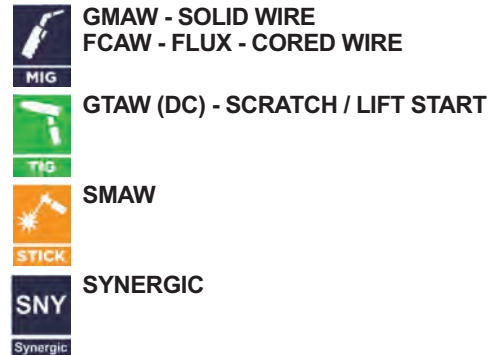
The **Multiprocess 231 SLM** is a high-tech, synergetic, powerful and portable inverter welder, equipped with an LCD Panel and a saving program facility. This unit is capable of Stick welding, MIG welding, Flux cored welding, and TIG welding with a lift start in manual or synergic mode. The combination of synergic control and job programming ability makes this unit user-friendly for less experienced welders looking to perform high quality welds and save a lot of time and cost on machine setup. It features an LCD display which walks the user through setup one step at a time and then automatically adjusts its parameters to meet the required use. It's like having your own personal welding expert right there with you! The voltage of this unit is selectable between 230 V ($\pm 15\%$) or 115 V ($\pm 15\%$) which makes it suitable for any single voltage electrical network. It is the perfect choice for anyone; from a novice to the professional production welder who has speed and quality in mind. The **Multiprocess 231 SLM** is capable of welding with Canaweld's spool gun which ensures trouble-free Aluminum MIG welding too.

FEATURES

- Capabilities to save up to 9 programs.
- LCD display for quick intuitive setup whether you are an expert or beginner.
- Synergic control of welding parameters by machine.
- Possibility of welding processes MIG, Flux Cored, Gasless Wires, TIG, Stick Welding.
- Tested in (104°F/40°C), designed for toughest conditions.
- Digital control of the welding parameters based on the material or gas type and the wire diameter.
- Built-in polarity changeover feature for most common gas and gasless wires and Lift TIG Arc start.
- Professional wire feeding mechanism with 30mm rolls.
- Sealed (Dust proof), powerful and durable motor of wire feeder.
- Replaceable Double groove rolls, no tools needed.
- 'Energy Saving' function to operate the power source cooling fan when necessary.
- Spool Gun Compatible.



PROCESSES

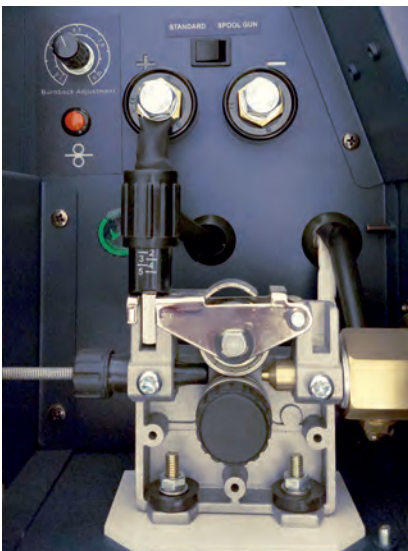


- Generator Adapted .
- Adjustable Voltage, Wire Speed, Wave Form, Burn back (in MIG process).
- Possibility of Selection of Material, Wire Diameter, Gas, 2T/4T (in MIG process).
- Adjustable Current, Down Slope, Post gas, (In TIG process).
- Possibility of Selection of Material thickness, Tungsten Diameter, 2T/4T (In TIG Process).
- Adjustable Current, Arc Force and Material Thickness selection (In Stick welding process).
- Working possibility with Both 8 and 12-inch (203 and 305 mm) Wire Spool Size.
- Metal face panel.
- Comprehensive 4 Year Warranty.

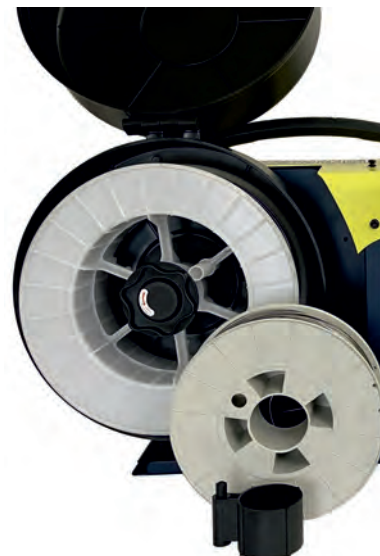
Multiprocess 231 SLM Technical Specification

Process	MIG/ Flux Cored	TIG (Lift ARC)	Stick Electrode	MIG/ Flux Cored	TIG (Lift ARC)	Stick Electrode
Input Voltage, Single Phase, 50/60 Hz	208 to 240 V(±10%)			105 to 120 V(±10%)		
Primary Current @ Maximum Welding Current	28.5	19.5	29.8	31.5	23.8	27.5
Maximum Primary Effective Current (I1 eff max)	13	9.8	15.5	18	17.5	18
Technology of Adjustment (Manual / Synergic)	Manual or Synergic					
Welding Current Range	30 - 220 A	10 - 200 A	10 - 200 A	30 - 140 A	10 - 140 A	10 - 110 A
Duty Cycle @ Rated Current in 104° F (40° C)	20%@200A	20%@200A	20%@200A	25%@140A	40%@140A	30%@110A
Welding Current @ 100% Duty Cycle at 104° F (40° C)	120 A	120 A	120 A	90 A	110 A	75 A
Welding Current @ 60% Duty Cycle at 104° F (40° C)	130 A	130 A	130 A	100 A	130 A	85 A
Open Circuit Voltage : Volt	47 V			47 V		
Solid Steel Wire Size Range : inch (mm)	0.023 - 0.040 in (0.6 - 1 mm)			0.023 - 0.040 in (0.6 - 1.0 mm)		
Stainless steel Wire Size Range : inch (mm)	0.023 - 0.040 in (0.6 - 1 mm)			0.023 - 0.040 in (0.6 - 1.0 mm)		
Flux-cored Wire Size Range : inch (mm)	0.030 - 0.045 in (0.8 - 1.2 mm)			0.030 - 0.045 in (0.8 - 1.2 mm)		
Aluminum Wire Size Range : inch (mm)	0.030 - 0.045 in (0.8 - 1.2 mm)			0.030 - 0.045 in (0.8 - 1.2 mm)		
Max Wire Feeder speed : ipm (m/min)	656 ipm (16.4 m/min)			400 ipm (10 m/min)		
Wire Feeder Mechanism Material	Metal					
Wire Spool Size : inch (mm)	8 or 12 inch (203 or 305 mm)					
Weight : lb. (Kg)	49 lb. (22.5 Kg)					
Dimensions Including Handle (D,W,H) : inch (mm)	24.4 x 13.3 x 16.1 inch (620 x 340 x 410 mm)					

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE



High Grade Metal Dual Drive Roll System For Precise And Constant Wire Feed That Prevents bird nesting



Working Possibility With Both 8 And 12-Inch (203 And 305 mm) Wire Spool Size

Available Models :

Multi process 231 SLM - Silver (PLC7580163)
Including MIG Gun

Multi process 231 SLM - Gold (PLC7580164)
Including MIG Gun, TIG Torch, TIG Accessories and TIG Tungsten

Multi process 231 SLM - Gold Plus (PLC7580166)
Including MIG Gun, TIG Torch, Swivel Caster Package, TIG Accessories and TIG Tungsten













Multi process 231 SLM - Aluminum (PLC7580165)
Including MIG Gun, Spool Gun and Spool Gun Accessories



Multi process 231 SLM - Silver (PLC7580163)

What Is Included

MULTI PROCESS 231 SLM - Silver (PLC7580163)

ITEM	QTY	Description	PART NO.	
MIG / STICK 231 SLM	1	MIG / STICK 231 SLM	PLM7580150	
Electrode holder Set	1	Electrode holder Set (215 A - 10 ft), AWG 4	ALP2280095	
Ground Clamp Set	1	Ground Clamp Set (215 A - 10 ft), AWG 4	ALP1980440	
MIG Gun M250 Series	1	MIG Torch Tweco® Style M250 TE, Euro termination, 10 Ft.	CWGPGTW250-10E	
Argon/CO ² Regulator	1	UL-Approved LV150 Series, Single Stage For CO ₂ /Argon, Mix	CW-RLV-150-60CF-AR	
Gas Welding Hose	1	1/4" Argon Inert Hose (10 ft)	TLJ1080188	
MIG Drive Roll	1	MIG Drive Roll (0.030-0.035 Inch V Groove)	TGL0480458	
MIG Drive Roll	1	MIG Drive Roll (0.030-0.040 Inch V Groove)	TGL0480462	
MIG Drive Roll	1	MIG Drive Roll (0.030-0.035 Inch Knurtd)	TGL0480464	
MIG Consumable Kits	1	MIG TORCH Tweco® Style 200A Consumable Standard Set	ALPMIGCON	
Adapter	1	Adapter Plug 230-120V	CGA9980060	
Spool HolderAdapter	1	Spool HolderAdapter 12"to 8"	CGA2890928	






Multi process 231 SLM - Gold (PLC7580164)



Multi process 231 SLM - Gold Plus (PLC7580166)



Upgrade to "Gold" and get additional :

Multi process 231 SLM - Gold (PLC7580164)

ITEM	QTY	Description	PART NO.	
TIG Torch Air Cooled (26 Series)	1	Premium TIG Torch, Air cooled, 200 AMP, 9 Pin, 12 ft	CWSG26FX-S1-12-SL-GS4-9Pin	
TIG Consumable Kit	1	TIG Consumable Standard Set for 26 Series Torch	ALPTORCHCON26	
TIG Tungsten Electrode	1	TIG Tungsten Electrode MIX of 6	CTE500-RGB-116332	

Upgrade to "Gold Plus" and get additional :

Multi process 231 SLM - Gold Plus (PLC7580166)











ITEM	QTY	Description	PART NO.	
TIG Torch Air Cooled (26 Series)	1	Premium TIG Torch, Air cooled, 200 AMP, 9 Pin, 12 ft	CWSG26FX-S1-12-SL-GS4-9Pin	
TIG Consumable Kit	1	TIG Consumable Standard Set for 26 Series Torch	ALPTORCHCON26	
TIG Tungsten Electrode	1	TIG Tungsten Electrode MIX of 6	CTE500-RGB-116332	
SWIVEL CASTER	1	SWIVEL CASTER Package For MIG Machines	TGL2280100	




















Multi process 231 SLM - Aluminum (PLC7580165)

Upgrade to "Aluminum" and get additional :

Multi process 231 SLM - Aluminum (PLC7580165)

ITEM	QTY	Description	PART NO.	
MIG Spool Gun CST251	1	Spool Gun CST 251, 9 Pin-10ft (3 Meter) , 0.030"-0.040"/(0.8-1.0 mm)	CWICL08131	
MIG Spool Gun CST251 Consumable Set	1	Drive Roll, 0.030"-0.035" (0.8-0.9 mm) U Groove for Aluminum	ALPCST251	
	1	Drive Roll, 0.030"-0.040" (0.8-1.0 mm) U Groove for Aluminum		
	1	Drive Roll, 0.030"-0.035" (0.8-0.9 mm) V Groove for Solid wire		
	2	Contact tip 0.030" (0.8 mm)		
	2	Contact tip 0.035" (0.9 mm)		
	2	Contact tip 0.040" (1.0 mm)		
	2	Contact tip 0.045" (1.2 mm)		
	1	MIG Gun Diffuser- U52- Tweco® Style		
	1	Nozzle Adjustable Push On 22-50, Tweco® Style, 12.8 mm		

OPTIONAL ACCESSORIES

PRODUCT	PART NO.	
Spool Gun CST 251, 9 Pin-10ft (3 Meter) , 0.030"-0.040" (0.8-1.0 mm)	CWICL08131	
Spool Gun CST 251, 9 Pin-13ft (4 Meter) , 0.030"-0.040" (0.8-1.0 mm)	CWICL08141	
Spool Gun CST 251, 9 Pin-20ft (6 Meter) , 0.030"-0.040" (0.8-1.0 mm)	CWICL08161	
Spool Gun SMH360 BE, Binzel® Style Head, Euro® Style Termination	CWGPG-PGSP360A-24-P10-60BE	
Welding Cart (Single Gas Bottle)	TR4-D1-1	
Welding Cart (Double Gas Bottle)	TR4-D1-2	
Ground Clamp Set (215 A - 20 ft), AWG 4	ALP1980441	
Ground Clamp Set (215 A - 30 ft), AWG 4	ALP1980451	
Ground Clamp Set (215 A - 50 ft), AWG 4	ALP1980452	
Electrode Holder Set (215 A - 20 ft), AWG 4	ALP2280449	
Electrode Holder Set (215 A - 30 ft), AWG 4	ALP2280470	
Electrode Holder Set (215 A - 50 ft), AWG 4	ALP2280472	
TIG Torch 200 AMP Air Cooled (26 SERIES)	CWSG26FX-S1-12-SL-GS4-9Pin	
Gas Fitting	CGA3180121	
C9 Black (Series Helmets)	CWPOWER-990T-BLK	
C5 Black (Series Helmets)	CWELITE-550S-BLK	
C8 Black (Series Helmets)	CWPOWER-980S-BLK	
C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	