

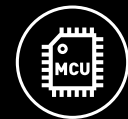


## MULTIMIG 140D/160D/180D/200D

Range represents a step up from basic entry-level models while offering a more affordable alternative to high-end industrial machines. This range is offering enhanced large LED display, performance, versatility, and ease of use at a more affordable price point. This makes them a popular choice for a diverse range of welding applications and skill levels.

Precise Settings/2T,4T/Fan on demand/Lift Tig/Foot remote control/Synergic Mig/Manual Mig/Flux-Cored Mig welding/Spool gun make MULTIMIG 140D/160D/180D/200D popular choices among welders looking for efficiency, portability, and enhanced welding performance in various applications.

## Machine Features



### Precise Settings

LED display offers more precise control over welding parameters such as amperage and arc characteristics, allowing for better adaptation to different materials and thicknesses.



### Portability

It is 6 kgs, it is typically smaller, lighter, and more compact than traditional welding machines, making them easier to transport and maneuver.



### Spool gun

Spool gun reduces feeding issues, improves control, minimizes oxidation. It is portable and suitable for thin materials. It is suitable for automotive repairs and fabrication of aluminum.



### Lift Tig

Allows welders to perform both stick(SMAW) welding and TIG(G-TAW) welding using the same machine.



### 2T/4T

Both 2T and 4T modes improve welding efficiency by automating aspects of the welding process, reducing the need for manual intervention and streamlining workflow.



### Foot remote control

It can improve the comfort and ergonomics of the welding process. Welders can maintain a stable and comfortable position while adjusting welding parameters with their foot, reducing fatigue and enhancing overall welding performance.



### Fan on demand

Provides energy efficiency, reduced noise level and improved reliability.



### Synergic Mig

Synergic Migwelding automatically adjust welding parameters (voltage, wire feed speed, and wire diameter) based on a single setting, typically the wire feed speed. This simplifies setup and operation, making it easier for welders to achieve consistent weld quality.



# Machine details:

## MIG 15AK Torch

MIG 15AK Torch is a smaller and more compact torch with air-cooled, suitable for light to medium-duty welding tasks. It is often used for precision work and in applications where space is limited.



## Welding cable and electrode holder

Welding cables are flexible, highly quality insulation and heavy-duty cables designed to carry the electric current from the power source to the electrode holder and ultimately to the workpiece. High insulation, jaw mechanism and heat resistance ensure efficient welding operation and electrode performance.

Cable section can be selected from 6mm<sup>2</sup> to 120mm<sup>2</sup>.

Color of PVC jacket can be customized.

Electrode holder types can be customized.



## Spool Gun

Spool gun is designed to feed softer aluminum wire smoothly, reducing the risk of wire jamming or bird-nesting that can occur with standard MIG guns. It is suitable for automotive repairs and fabrication of aluminum.



## Earth cable and earth clamp

Earth cable and earth clamp play critical roles in electrical safety by providing reliable grounding connections to protect personnel, equipment and facilities from electrical hazards and ensure proper functioning of electrical and welding system.

Cable section can be selected from 6mm<sup>2</sup> to 120mm<sup>2</sup>.

Color of PVC jacket can be customized.

Earth clamp types can be customized.



## Reliability



275Volts tested in production



Moisture proof  
Salt Spray proof  
Corrosion proof



Over heat protection



Over voltage protection



Over current protection

# Machine function



Single phase



Constant current and Constant voltage



Voltage Reduction Device



LED Display



Direct current



275Volts tested in production



Generator Friendly



Optional



Moisture proof  
Salt Spray proof  
Corrosion proof



Front view



Side view



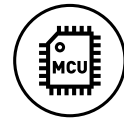
Rear view

# Control Panel



## Features

- LED screen display for all welding setting display.
- Button for Spool gun ON/OFF.
- Button for 2T/4T exchange.
- Welding current display.
- Welding voltage display.
- Display for power on.
- Inching button for wire installation.
- Gas check button.
- Welding mode select button for MIG Synergic, MIG manual, Lift TIG, Stick and Stick VRD .
- Welding data setting selectio button.
- Synergic wire selection button.
- Synergic wire diameter selection button.
- Encoder(L) for Welding voltage adjustment.
- Encoder(R) for Welding current and wire feeding speed adjustment.



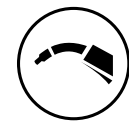
### Precise Settings

LED display offers more precise control over welding parameters such as amperage and arc characteristics, allowing for better adaptation to different materials and thicknesses.



### Voltage Reduction Device (VRD)

Enhances safety by reducing the risk of electric shock both during welding and when the machine is idle.



### Flux-Cored Mig welding

Flux-Cored Mig welding provides cost-effective on shield gas and less sensitivity to wind and draft. It is suitable for maintenance, automotive and manufacturing applications.



### Manual Mig

Manual Mig Welding is easy of use, making it preferred choice for a wide range of welding applications in various welding purposes.



### Lift Tig

Allows welders to perform both stick(SMAW) welding and TIG(GTAW) welding using the same machine.

## Machine parameters:

Model	MULTIMIG 140D			MULTIMIG 160D			MULTIMIG 180D			MULTIMIG 200D		
Input voltage	1-110V 50/60Hz						1-230V 50/60Hz					
Process	MIG	TIG	MMA	MIG	TIG	MMA	MIG	TIG	MMA	MIG	TIG	MMA
Effective current(A)	29.6	14.2	22.5	13.1	10.6	13.3	15.5	10.6	16	19.4	10.6	16
Rated input current(A)	50	24	38	29.4	23.9	29.9	34.8	23.9	35.8	43.5	23.9	35.8
Rated input power(KW)	5.44	2.67	4.15	4.1	3.3	4.1	4.8	3.3	4.9	5.5	3.3	4.9
Duty cycle 40°C 10min	35%			20%			20%					
Welding current(A)	30-160	10-100	10-100	40-160	20-160	20-140	40-180	20-160	20-160	40-200	20-160	20-160
Welding voltage(V)				12-23			12-23			12-24		
No load voltage(V)	50	50	50	73.3	72.1	71.5	73.1	72.1	72.1	70	72.1	72.1
Efficiency	80%			81.2%			82%			83%		
Power factor	0.63			0.63			0.63			0.64		
Insulation class	F			F			F			F		
Protection class	IP21S			IP21S			IP21S			IP21S		
Dimensions(mm)	460*190*340			460*190*340			460*190*340			460*190*340		
Net weight(kg)	9.9			9.9			10			10		