

Welding

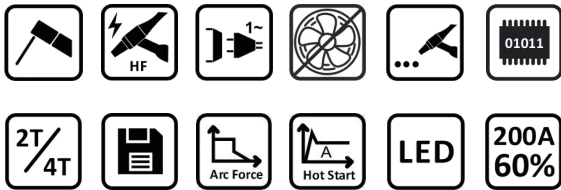


EQUIPMENT



2025

TIG-180/200/225 DC PULSE



TIG WELDER

What's Included

- WP-26 4m TIG Torch
- Standard Stick Electrode Holder
- Gas Hose
- Earth Clamp

Product Features

NX Series

- Capable of welding various metals including stainless steel, copper, carbon steel, alloy steel, cast iron, and more, as well as precise welding of thinner materials.
- Easy to start the arc, stable welding current, low spatter, and smooth welding appearance.
- In MMA mode, the VRD function can be activated, with additional features including anti-stick, hot start, and arc force control.
- Use advanced IGBT inverter technology and MCU software control.
- Optimized airflow design ensures effective heat dissipation, moisture resistance, and protection against conductive dust.

Processes

- DC TIG
- DC Pulse TIG
- MMA

Application

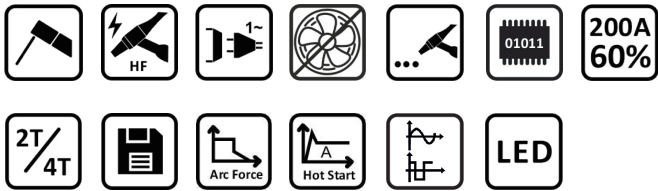
- Workshop
- Light Fabrication
- Metallic Structures
- Motorsports
- Education
- Home

	TIG 180 DP	TIG 200 DP	TIG 225 DP
Rated Input Voltage (V)	AC 230V±10%	AC 230V±10%	AC 230V±10%
Rated Input Current (A)	20	22	25
TIG Current Adjustment (A)	10~180	10~200	10~225
MMA Current Adjustment (A)	20~160	20~180	20~200
No-load Voltage(A)	65	65	65
TIG Max. Duty Cycle (25℃)	60%	60%	60%
Efficiency (%)	85	85	85
Power Factor	0.93	0.93	0.93
Insulation Class	F	F	F
Protection Class	IP23	IP23	IP23
Dimension (mm)	400*165*310	400*165*310	400*165*310
Weight (Kg)	8	9	10



TIG-180/200/225P ACDC

FC CE



TIG WELDER



NX Series

TENWELX



Product Features

A Great Welder for Aluminum

- Wide material compatibility, welds **aluminum, aluminum alloys**, stainless steel, copper, carbon steel, alloy steel, cast iron, and more, offers precise welding of thinner materials.
- Easy to start the arc, stable welding current, **low noise, and smooth welding appearance**.

A Machine that maximizes the welder's professional expertise

- Memory function stores up to **10 sets of welding parameters** for quick recall.
- **7-in-1 Welder** combines multiple welding functions in a single machine.
- Advanced MMA mode, **VRD function** can be enabled, along with anti-stick, hot start, and arc force control features.
- **Four waveform selections** - square, sine, triangular, trapezoidal - enhance control, penetration, and weld quality.

With Expert Design and Long-term Innovation

- **Optimized airflow design** ensures effective heat dissipation, moisture resistance, and protection against conductive dust.
- Advanced technology uses **IGBT inverter technology** and **MCU software** control.

Application

- Workshop
- Light Fabrication
- Metallic Structures
- Motorsports
- Education
- Home

Processes

- Mix TIG
- AC TIG
- AC Pulse TIG
- DC TIG
- DC Pulse TIG
- Spot Welding
- MMA

What's Included

- WP-26 4m TIG Torch
- 5" LED Display
- Gas Hose
- Standard Stick Electrode Holder
- Earth Clamp

Optional Accessories

- Remote Torch
- 4.3" LCD Display
- Regulator/Flowmeter
- Foot Padel

	TIG 180P ACDC	TIG 200P ACDC	TIG 225P ACDC
Rated Input Voltage (V)	AC 230V±10%	AC 230V±10%	AC 230V±10%
Rated Input Current (A)	20	22	25
TIG Current Adjustment (A)	10 ~ 180	10~200	10~225
MMA Current Adjustment (A)	20 ~ 160	20~180	20~200
No-load Voltage(A)	65	65	65
TIG Max. Duty Cycle (25°C)	60%	60%	60%
AC Frequency (Hz)	1 ~ 250	1 ~ 250	1 ~ 250
AC Balance (%)	15 ~ 50	15 ~ 50	15 ~ 50
Efficiency (%)	85	85	85
Power Factor	0.93	0.93	0.93
Insulation Class	F	F	F
Protection Class	IP23	IP23	IP23
Dimension (mm)	545*210*380	545*210*380	545*210*380
Weight (Kg)	15	15	16



TIG-180/200/225 DC PULSE



What's Included

- WP-26 4m TIG Torch
- Standard Stick Electrode Holder
- Gas Hose
- Earth Clamp

Product Features

V Series

- Capable of welding various metals including stainless steel, copper, carbon steel, alloy steel, cast iron, and more, as well as precise welding of thinner materials.
- Easy to start the arc, stable welding current, low spatter, and smooth welding appearance.
- In MMA mode, the VRD function can be activated, with additional features including anti-stick, hot start, and arc force control.
- Use advanced IGBT inverter technology and MCU software control.
- Optimized airflow design ensures effective heat dissipation, moisture resistance, and protection against conductive dust.

Processes

- DC TIG
- DC Pulse TIG
- MMA

Application

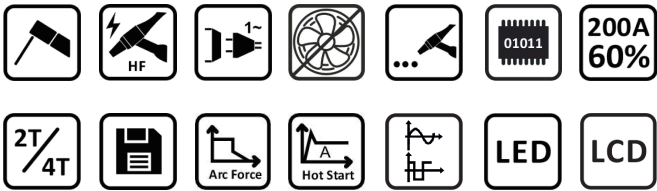
- Workshop
- Light Fabrication
- Metallic Structures
- Motorsports
- Education
- Home

	TIG 180 DP	TIG 200 DP	TIG 225 DP
Rated Input Voltage (V)	AC 230V±10%	AC 230V±10%	AC 230V±10%
Rated Input Current (A)	20	22	25
TIG Current Adjustment (A)	10~180	10~200	10~225
MMA Current Adjustment (A)	20~160	20~180	20~200
No-load Voltage(A)	65	65	65
TIG Max. Duty Cycle (25℃)	60%	60%	60%
Efficiency (%)	85	85	85
Power Factor	0.93	0.93	0.93
Insulation Class	F	F	F
Protection Class	IP23	IP23	IP23
Dimension (mm)	410*165*325	410*165*325	410*165*325
Weight (Kg)	8	9	10



TIG-180/200/225P ACDC

FC CE



TIG WELDER



V Series

TENWELX



Product Features

A Great Welder for Aluminum

- Wide material compatibility, welds **aluminum, aluminum alloys**, stainless steel, copper, carbon steel, alloy steel, cast iron, and more, offers precise welding of thinner materials.
- Easy to start the arc, stable welding current, **low noise, and smooth welding appearance**.

A Machine that maximizes the welder's professional expertise

- Memory function stores up to **10 sets of welding parameters** for quick recall.
- **7-in-1 Welder** combines multiple welding functions in a single machine.
- Advanced MMA mode, **VRD function** can be enabled, along with anti-stick, hot start, and arc force control features.
- **Four waveform selections** - square, sine, triangular, trapezoidal - enhance control, penetration, and weld quality.

With Expert Design and Long-term Innovation

- **Optimized airflow design** ensures effective heat dissipation, moisture resistance, and protection against conductive dust.
- Advanced technology uses **IGBT inverter technology** and **MCU software** control.

Application

- Workshop
- Light Fabrication
- Metallic Structures
- Motorsports
- Education
- Home

Processes

- Mix TIG
- AC TIG
- AC Pulse TIG
- DC TIG
- DC Pulse TIG
- Spot Welding
- MMA

What's Included

- WP-26 4m TIG Torch
- 5" LED Display
- Gas Hose
- Standard Stick Electrode Holder
- Earth Clamp

Optional Accessories

- Remote Torch
- 4.3" LCD Display
- Regulator/Flowmeter
- Foot Padel

	TIG 180P ACDC	TIG 200P ACDC	TIG 225P ACDC
Rated Input Voltage (V)	AC 230V±10%	AC 230V±10%	AC 230V±10%
Rated Input Current (A)	20	22	25
TIG Current Adjustment (A)	10 ~ 180	10~200	10~225
MMA Current Adjustment (A)	20 ~ 160	20~180	20~200
No-load Voltage(A)	65	65	65
TIG Max. Duty Cycle (25°C)	60%	60%	60%
AC Frequency (Hz)	1 ~ 250	1 ~ 250	1 ~ 250
AC Balance (%)	15 ~ 50	15 ~ 50	15 ~ 50
Efficiency (%)	85	85	85
Power Factor	0.93	0.93	0.93
Insulation Class	F	F	F
Protection Class	IP23	IP23	IP23
Dimension (mm)	520*210*400	520*210*400	520*210*400
Weight (Kg)	15	15	16



TIG-300/400 DC PULSE



TIG WELDER

What's Included

- 4m TIG Torch
- Standard Stick Electrode Holder
- Gas Hose
- Earth Clamp

Product Features

- Capable of welding various metals including stainless steel, copper, carbon steel, alloy steel, cast iron, and more, as well as precise welding of thinner materials.
- Easy to start the arc, stable welding current, low spatter, and smooth welding appearance.
- In MMA mode, the VRD function can be activated, with additional features including anti-stick, hot start, and arc force control.
- Use advanced IGBT inverter technology and MCU software control.
- Optimized airflow design ensures effective heat dissipation, moisture resistance, and protection against conductive dust.

V Series

Processes

- DC TIG
- DC Pulse TIG
- MMA

Application

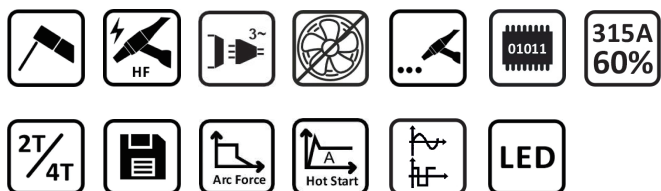
- Heavy Fabrication
- Shipbuilding
- Metallic Structures
- Pipe Construction
- Maintenance & Repair

	TIG 300 DP	TIG 400 DP
Rated Input Voltage (V)	AC 3*400V±10%	AC 3*400V±10%
Rated Input Current (A)	20	23
TIG Current Adjustment (A)	10 ~ 300	10 ~ 400
MMA Current Adjustment (A)	20 ~ 280	20 ~ 300
No-load Voltage(V)	56	56
TIG Max. Duty Cycle (25°C)	60%	60%
Pulse Frequency (Hz)	0.5 ~ 999	0.5 ~ 999
Pulse Duty Cycle (%)	10 ~ 90	10 ~ 90
Efficiency (%)	85	85
Power Factor	0.93	0.93
Insulation Class	F	F
Protection Class	IP23	IP23
Dimension (mm)	520*210*400	700*260*540
Weight (Kg)	16	22



TIG-280/315/350P ACDC

FC CE



TIG WELDER



V Series

TENWELX



Product Features

A Great Welder for Aluminum

- Wide material compatibility, welds **aluminum, aluminum alloys**, stainless steel, copper, carbon steel, alloy steel, cast iron, and more, offers precise welding of thinner materials.
- Easy to start the arc, stable welding current, low spatter, and **smooth welding appearance**.

A Machine that maximizes the welder's professional expertise

- Memory function stores up to **10 sets of welding parameters** for quick recall.
- **6-in-1 Welder** combines multiple welding functions in a single machine.
- **Four waveform selections** - square, sine, triangular, trapezoidal - enhance control, penetration, and weld quality.
- Advanced MMA mode, **VRD function** can be enabled, along with anti-stick, hot start, and arc force control features.

With Expert Design and Long-term Innovation

- **Higher redundancy design** increases reliability, extends service life, and enhances durability.
- **Optimized airflow design** ensures effective heat dissipation, moisture resistance, and protection against conductive dust.
- Advanced technology uses **IGBT inverter technology** and **MCU software** control.

Application

- Heavy Fabrication
- Shipbuilding
- Metallic Structures
- Pipe Construction
- Maintenance & Repair

Processes

- AC TIG
- AC Pulse TIG
- DC TIG
- DC Pulse TIG
- Spot Welding
- MMA

What's Included

- WP-18 4m TIG Torch
- LED Display
- Gas Hose
- Standard Stick Electrode Holder
- Earth Clamp

Optional Accessories

- Remote Torch
- Water Cooler
- Regulator/Flowmeter
- Foot Padel

	TIG 280P ACDC	TIG 315P ACDC	TIG 350P ACDC
Rated Input Voltage (V)	AC 3*400V±10%	AC 3*400V±10%	AC 3*400V±10%
Rated Input Current (A)	19	21	23
TIG Current Adjustment (A)	10~280	10~315	10~350
MMA Current Adjustment (A)	20~280	20~280	20~300
No-load Voltage(V)	56	56	56
TIG Max. Duty Cycle (25°C)	60%	60%	60%
AC Frequency (Hz)	1 ~ 250	1 ~ 250	1 ~ 250
AC Balance (%)	15 ~ 50	15 ~ 50	15 ~ 50
Efficiency (%)	85	85	85
Power Factor	0.93	0.93	0.93
Insulation Class	F	F	F
Protection Class	IP23	IP23	IP23
Dimension (mm)	670*260*540	670*260*540	670*260*540
Weight (Kg)	29	29	30



