V1.0 04/14/25

USER MANUAL

DIGITIG 208 DC MULTI INVERTER WELDING RECTIFIER

Sherman® digitec

CE

WARNING!
Read this manual before installing and starting up the device

1. GENERAL NOTES

The device may only be started up and operated after thoroughly reviewing this User Manual.

Due to the continuous technical development of the device, certain functions may be modified and their operation may differ in detail from the descriptions in the manual. This is not a device malfunction, but a result of progress and ongoing modifications to the device. The standard equipment of the device may be subject to change.

Damage to the device caused by improper operation voids the warranty. Any modifications to the charger are prohibited and will void the warranty.

2. SAFETY

Personnel operating the device must possess the necessary qualifications to perform welding work:
- they should hold an electric welder's certification for welding with coated electrodes and in gas shielded environments,
- be familiar with health and safety rules for operating electrical power equipment, such as welding machines and electrically powered auxiliary equipment,
- be familiar with health and safety rules for handling cylinders and compressed gas (argon) systems,
- be familiar with the contents of this manual and operate the equipment in accordance with its intended use.

WARNING

Welding may pose a safety hazard to the operator and others in the vicinity. Therefore, special precautions must be taken during welding. Before starting welding, familiarize yourself with the health and safety regulations applicable at the workplace.
The following hazards exist during MMA and TIG welding:
- **ELECTRIC SHOCK**
- **HARMFUL EFFECTS OF THE ARC ON THE EYES AND SKIN**
- **POISONING FROM VAPORS AND GASES**
- **BURNS**
- **EXPLOSION AND FIRE HAZARDS**
- **NOISE**

Prevention of electric shock:
- Connect the device to a technically sound electrical installation with proper protection and effective grounding (additional protection against electric shock); also check and properly connect other devices at the welder's workstation to the power supply,
- Install power cables with the device turned off.
- Do not simultaneously touch uninsulated parts of the electrode holder, the electrode, and the workpiece, including the device housing,
- Do not use holders or power cables with damaged insulation.
- in conditions of particular risk of electric shock (work in high-humidity environments and enclosed spaces), work with an assistant who supports the welder and monitors safety, wear clothing and gloves with good insulating properties,
- if any irregularities are noticed, contact qualified personnel to have them rectified,
- It is prohibited to operate the device with the covers removed.

Preventing the harmful effects of the electric arc on the eyes and skin:
- Wear protective clothing (gloves, apron, leather boots),
- Use protective shields or face shields with an appropriately selected filter,
- Use protective screens made of non-flammable materials and select appropriate colors for walls that absorb harmful radiation.

Preventing poisoning from fumes and gases emitted during welding from electrode coatings and metal vaporization:

- Use ventilation equipment and exhaust systems installed at workstations with limited air exchange,
- Supply fresh air when working in enclosed spaces (tanks),
- Use masks and respirators.

Prevention of burns:

- Wear appropriate protective clothing and footwear to protect against burns from arc radiation and spatter,
- Avoid getting grease and oil on clothing, as this can cause it to ignite.

Prevention of explosions and fires:

- It is prohibited to operate the equipment or perform welding in areas at risk of explosion or fire.
- The welding station should be equipped with fire extinguishing equipment.
- The welding station should be located at a safe distance from flammable materials.

Prevention of adverse effects of noise:

- Use earplugs or other noise protection measures,
- Warn people in the vicinity of the danger.

 **WARNING**!

Do not use the power source to thaw frozen pipes.

Before starting the device, you must:

- Check the condition of electrical and mechanical connections. Do not use handles or power cords with damaged insulation. Improper insulation of handles and power cords poses a risk of electric shock,
- Ensure proper working conditions, i.e., maintain appropriate temperature, humidity, and ventilation at the work site. When used outdoors, protect the unit from precipitation,
- Place the rectifier in a location that allows for easy operation.

Persons operating the welder should:

- be certified to perform electric welding with coated electrodes and the TIG method,
- be familiar with and comply with the health and safety regulations applicable to welding work,
- use appropriate, specialized protective equipment: gloves, an apron, rubber boots, and a welding shield or helmet with a properly selected filter,
- be familiar with the contents of this user manual and operate the welder in accordance with its intended use.

Any repairs to the device may only be performed after unplugging the power cord from the outlet.
When the device is connected to the power supply, it is prohibited to touch any components forming part of the welding circuit with bare hands or through damp clothing.
It is prohibited to remove the external covers while the device is connected to the power supply.
Any unauthorized modifications to the rectifier are prohibited and may compromise safety.
All maintenance and repair work may be performed only by authorized personnel in compliance with the safety regulations applicable to electrical equipment.
It is prohibited to operate the welder in areas at risk of explosion or fire! The welding station must be equipped with fire extinguishing equipment.
After finishing work, disconnect the device's power cord from the power source.

The hazards and general health and safety rules outlined above do not cover all aspects of a welder's workplace safety, as they do not take into account the specific conditions of the workplace. They are effectively supplemented by workplace-specific health and safety instructions, as well as training and guidance provided by supervisors.

3. GENERAL DESCRIPTION

The DIGITIG 208 DC MULTI digital welder is a state-of-the-art device, manufactured using IGBT technology and equipped with digital control. It is used for manual DC welding of steel and non-ferrous metals using the TIG HF and TIG Lift methods. The device is equipped with an MMA (coated electrode) welding option.
The welder allows for full digital adjustment and control of welding parameters, including arc characteristics and pulse settings.
The device can store 10 sets of welding parameters.
The welder is designed for use in enclosed or covered areas not exposed to direct weather conditions.

4. TECHNICAL SPECIFICATIONS

4.1 Welding machine

Supply voltage	AC 230V ±10% 50Hz
Rated welding current / duty cycle	MMA: 160 A / 60% TIG 200 A / 60%
Rated no-load voltage	70 V / 21 V (VRD)
Maximum current draw	MMA: 36.2 A, TIG 33.7 A
Mains protection	25 A
Weight (without accessories)	6.4 kg
Dimensions	370 x 195 x 345 mm
Protection rating	IP21S

4.1.1 Parameter adjustment ranges

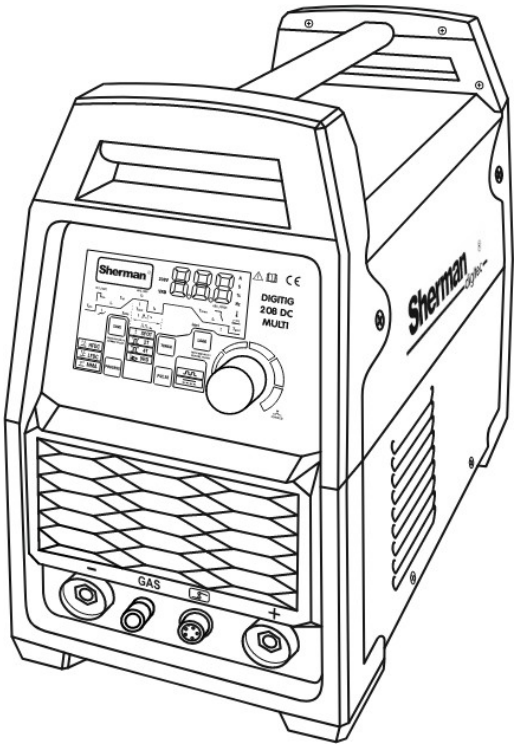
ARC FORCE	0 – 100 A
HOT START	0 – 50 A
Pre-flow	0.1 – 3 s
Post-gas flow	1 – 15 s
Current rise	0 – 15 s
Current decay	0 – 25 s
Initial current	10 – 200 A
Inrush current duration	0 – 10 s
Welding current	MMA: 20–160 A TIG: 10–200 A
Base current	5–95% of welding current
Crater current	10–200 A
Crater current duration	0–10 s
Pulse frequency	0.5 – 200 Hz
Pulse width	10 – 90 %
Spot welding time	0.1 – 20 s

4.2 TIG torch

Tig torch type	T-17
Maximum current capacity	200 A
Gas flow	10–20 L/min
Arc ignition	Non-contact (HF)
Length	4 m

Duty cycle
The duty cycle is based on a 10-minute period. A 60% duty cycle means that after 6 minutes of operation, a 4-minute break is required. A 100% duty cycle means that the device can operate continuously, without breaks.
Note! Heating tests were conducted at ambient air temperature. The duty cycle at 40°C was determined by simulation.

Degree of protection
IP specifies the degree to which the device is resistant to the ingress of solid and liquid contaminants. IP21S means that the device is designed for indoor use and is not suitable for use in the rain.



5. CONSTRUCTION AND OPERATION

The basis of the welder's electrical power conversion system consists of electronic circuits manufactured using IGBT technology, enabling operation at frequencies above 200 kHz. The operating principle involves rectifying the single-phase mains voltage to DC, converting the resulting DC voltage into a high-frequency square wave, transforming the voltage to the range required by the welding process, and rectifying the resulting voltage back to DC.

6. CONNECTION TO THE POWER SUPPLY

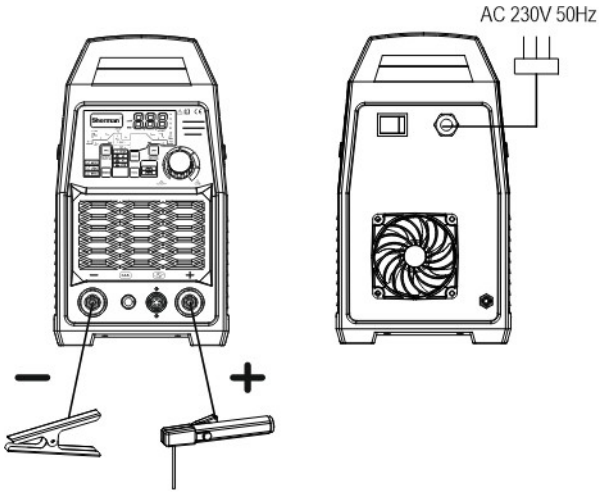
1. The device should be used exclusively in a single-phase, three-wire power supply system with a grounded neutral point.
2. DIGITIG 208 DC MULTI inverter rectifiers are designed to operate on a 230V 50Hz power supply protected by 25 A slow-blow fuses. The power supply must be stable, without voltage drops.
3. Before connecting the power supply, make sure that the power switch (5) is in the OFF position.

7. PREPARING THE DEVICE FOR OPERATION

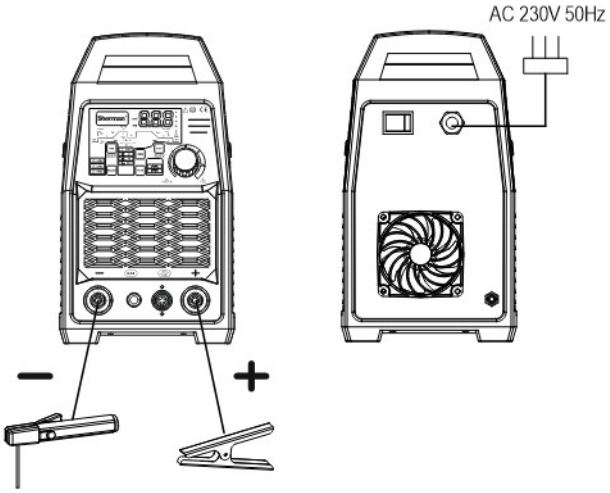
If the device has been stored or transported at low temperatures, bring it to the correct operating temperature before starting work!!!

7.1 MMA Method

Connect the ends of the welding cables to sockets (1) and (4) located on the front panel so that the correct polarity for the given electrode is on the electrode holder. The polarity of the welding cable connection depends on the type of electrode used and is indicated on the electrode packaging (negative polarity DCEN or positive polarity DCEP). Securely attach the ground cable clamp to the workpiece. Plug the device into a 230V 50Hz power outlet.



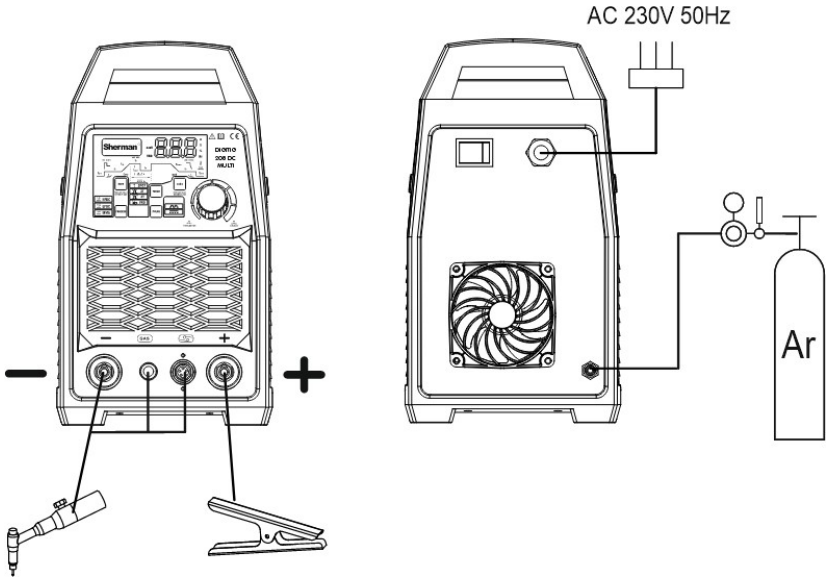
DCEP



DCEN

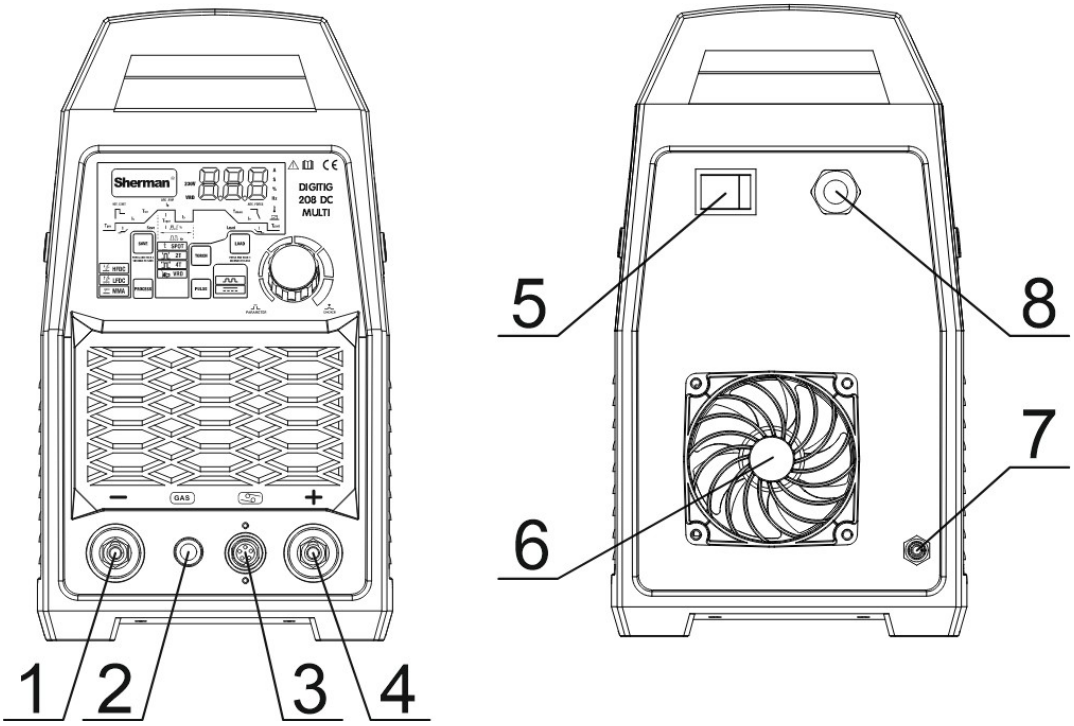
7.2 TIG Method

Connect the torch's current terminal to the negative terminal (1), carefully screw the torch's control plug into the socket (3), and connect the gas line to the quick-connect fitting (2). Route the gas hose from the regulator and secure it to the gas connection (7) located on the rear panel of the housing. Connect the positive terminal of the power source (4) to the workpiece using a cable with a clamp. Plug the device into a 230V 50Hz power outlet.



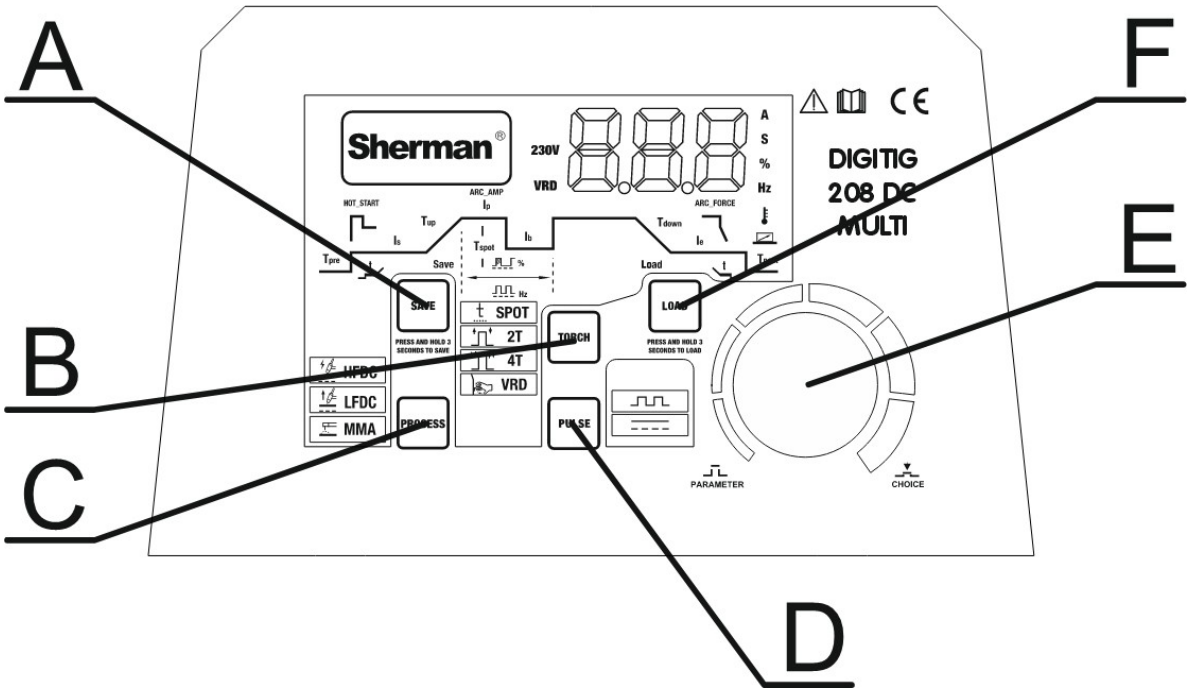
8. DESCRIPTION OF SWITCH AND KNOB FUNCTIONS

8.1 Front and rear panels



1. Negative polarity socket
2. Shielding gas socket
3. TIG torch control socket
4. Positive polarity socket
5. Main switch
6. Fan
7. Shielding gas connection
8. Power cord

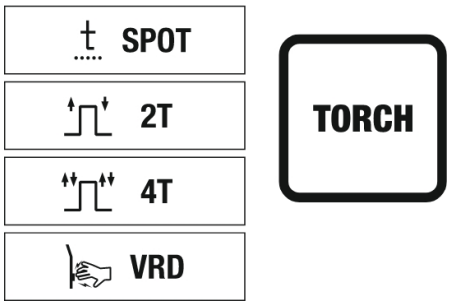
8.2 Control panel



A – Settings save button

Pressing the button for 3 seconds will enter the settings save mode. Use the knob (E) to select the channel number under which the current set of parameters will be saved, and press the SAVE button again.

B – Device control mode / VRD function selection button

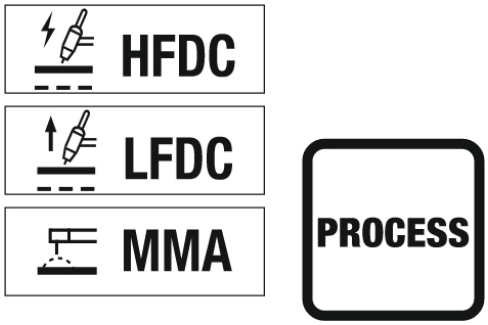


This button is used to select the device control mode:

SPOT	Spot welding
2T	Two-stroke mode. In this mode, pressing the switch on the handle will the ionizer to turn on and the arc to strike. Welding is performed with the switch held down. Releasing the switch will end the welding.
4T	Four-stroke mode. In this mode, pressing the switch on the handle will activate the ionizer and strike the arc; then release the switch and continue welding with the switch released. Pressing the switch again will end the welding.

When welding with the MMA method, pressing and holding the button will turn the VRD function on or off.
The VRD function reduces the voltage in the no-load state. The correct voltage value is restored only just before the arc is struck. This minimizes the risk of electric shock, but in some cases may make it difficult to strike the arc.

C – Welding method selection button



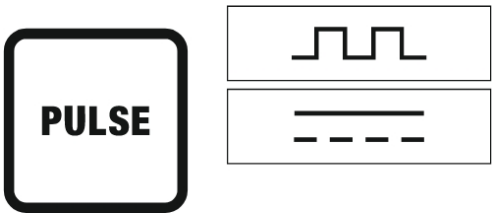
This button is used to select the welding method:

HFDC TIG welding with DC current and ionization ignition (HF)

LFDC DC TIG welding with friction ignition (Lift TIG)

MMA MMA method (coated electrode)

D – Pulsator button

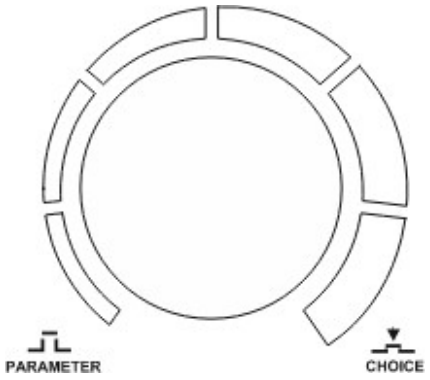


This button is used to turn current pulsation on/off:

Welding with current pulsation

Welding without the pulse function

E – Multifunction parameter adjustment knob



The adjustment knob is used to select and change welding functions and parameters. Turning the knob changes the setting of a function or parameter. Pressing the knob saves the parameter value and moves to the next parameter for adjustment. The currently adjustable parameter is indicated by the corresponding icon lighting up on the display.

F – Settings Load Button

Pressing the button for 3 seconds will enter the settings loading mode. Use the knob (E) to select the number of the parameter set to be loaded and press the LOAD button again.

8.3 Overheating protection

The power source is equipped with a thermal, automatic overload circuit breaker. If the welder's temperature becomes too high, the protection will cut off the welding current, and the " " LED will light up on the display.
Wait until the device cools down; do not turn off the power during this time. Once the temperature drops , the circuit breaker will reset automatically.

9. PARAMETER SETTINGS

9.1 MMA Method

After selecting the MMA method, you can adjust the welding current, select the VRD function, and adjust the Hot Start and Arc Force functions.

ARC AMP Welding current
Adjustment range: 20 – 160 A

HOT_START

Hot Start Function - This function is commonly referred to as Hot Start. It activates when the arc is struck, causing a temporary increase in the welding current above the value set by the welder. Hot Start is designed to prevent the electrode from sticking to the material and greatly facilitates arc ignition. When welding small components, it is recommended to disable this function, as it may cause the weld material to burn through.
Adjustment range: 0 – 50 A

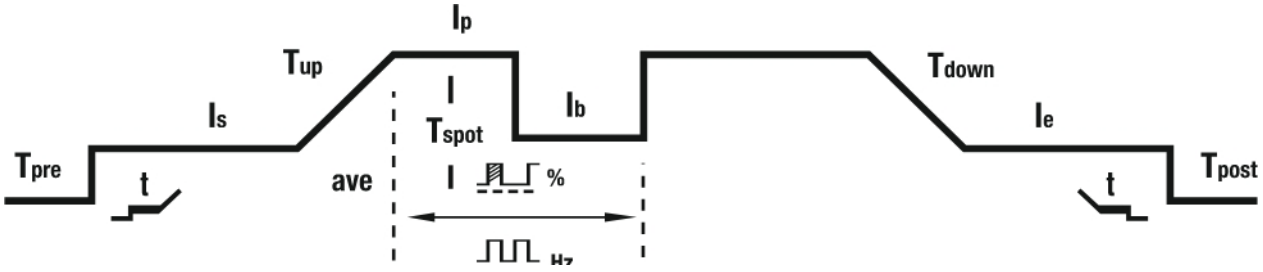
ARC_FORCE

Arc Force Function - This function allows you to adjust the dynamics of the welding arc. As the arc length shortens, the welding current increases, which stabilizes the arc. Decreasing the value results in a soft arc and shallower penetration, while increasing the value results in deeper penetration and the ability to weld with a short arc. With a high Arc Force setting, you can weld while maintaining a minimum arc length and high electrode melting speed
Adjustment range: 0 – 100 A

VRD VRD Function - This function reduces the voltage in the no-load state. The correct voltage value is restored only just before the arc is struck. This minimizes the risk of electric shock, but in some cases may make it difficult to strike the arc.

9.2 TIG method

After selecting the TIG method, the following parameters can be adjusted:



9.2.1 2T and 4T control modes

Tpre - Pre-flow time—the time from when the button on the torch handle is pressed until the arc is struck. It should typically be longer than 0.5 s to deliver shielding gas to the torch nozzle outlet in order to shield the starting point of the weld and the tungsten electrode. If the gas supply line from the cylinder is longer, the pre-flow time should be longer.
Adjustment range: 0.1 – 3 s

Is - Start-up current – the current that appears in the circuit after pressing the button on the torch handle. The higher the start-up current, the easier it is to strike the arc. However, when welding thin sheets, a start-up current that is too high can cause the sheet to burn.
Adjustment range: 10 – 200 A

- Initial current duration – the time from arc ignition until the current begins to rise to the welding current.
Adjustment range: 0 – 10 s

Tup - Current rise time – the time it takes for the welding current to rise from the starting current to the set welding current value.
Adjustment range: 0 – 15 s

Ip - Welding current (peak)
Adjustment range: 10 – 200 A

- Pulse width – the duration of the pulse, which allows for adjustment of the penetration depth. Increasing the pulse width increases the penetration depth, while decreasing it reduces the amount of heat introduced into the material, thereby reducing the risk of burning through thinner sheets or smaller components.
Lower pulse width values should be used for higher currents. A wider pulse width should be used for low currents; for example, a width above 50% should be used for currents below 100 A.
Adjustment range: 10 – 90 %

- Pulse frequency – the frequency at which the current pulse value alternates between the welding current and the base current.
Adjustment range: 0.5 – 200 Hz

Ib - Base current – the current responsible for sustaining the welding process, the lower value of the current pulse. It facilitates control of the amount of heat introduced into the material.
Base current adjustment is only possible during pulsed welding Adjustment range: 5 – 95% of the welding current

Tdown - Current decay time – the time it takes for the welding current to decay from the set value to the crater current of the crater.
Adjustment range: 0 – 25 s

Ie - Crater current - the current used in certain welding modes when the arc is not extinguished immediately after the welding current decay phase. It allows the crater at the end of the weld to be filled.
Adjustment range: 10 – 200 A

- Crater current duration – The time from the end of the current decay to arc extinction.
Adjustment range: 0 – 10 s

Tpost - Post-gas flow time – the time from arc extinction to the closing of the gas valve to shield the solidifying weld pool from air and to cool the tungsten electrode. Too short a post-gas flow time may result in weld oxidation. When welding in TIG AC (alternating current) mode, this time should be longer.
Adjustment range: 1 – 15 s

9.2.2 SPOT control mode (spot welding)

Tspot - Spot welding time – the time after which welding is completed.
Adjustment range: 0.1 – 20 s

10. SETTING MEMORY

The device has a memory for the last settings, i.e., after turning it off and on again, the last set parameters are restored. Additionally, it is possible to save the 10 most frequently used parameter sets.
To save the current set of parameters, press the SAVE button (A) for 3 seconds, use the dial (E) to select the channel number under which the current set of parameters will be saved, and press the SAVE button again.
To load a previously saved parameter set, press the LOAD button (F) for 3 seconds, use the knob (E) to select the channel number under which the desired parameter set was saved, and press the LOAD button again.

11. REMOTE CONTROL (OPTIONAL)

The device allows for remote control of the welding current using a foot control (optional accessory). After connecting the foot control plug to the socket (3), an icon will appear

an icon  and the device will switch to pedal control mode.

12. WELDING

12.1 MMA Welding

12.1.1 Arc initiation

Arc initiation in shielded metal arc welding involves touching the electrode to the workpiece, briefly rubbing it, and then lifting it away. When striking an arc with electrodes whose coating forms non-conductive slag upon solidification, the electrode tip must first be cleaned by tapping it several times against a hard surface until metallic contact with the workpiece is achieved.

12.2. Gas-shielded welding (TIG method).

11.2.1 Arc initiation in the TIG method

The DIGITIG 208 DC MULTI welder enables TIG welding with arc ignition by contact (Lift TIG) or using non-contact, ionization-based arc ignition (TIG HF).
To strike the arc in Lift TIG mode, press the button on the torch handle, touch the electrode to the workpiece, and immediately after the arc is struck, pull the electrode away.
To strike the arc in HF mode (using an ionizer), bring the electrode close to the workpiece and press the button on the torch handle. The arc will be struck without the electrode touching the workpiece.

11.2.2 TIG welding in 2T and 4T modes:

- 0: 2T: Press and hold the torch button. 4T: Press and release the torch button. The shielding gas flow begins;
- 0 ~ t1: Pre-flow time. Adjustable range: 0.1–3.0 s;
- t1: Arc ignition;
- t1–t2: Initial current duration;
- t2: Begins rises current current to the set value welding current. When the pulsator is enabled, the current is modulated;
- t2 ~ t3 : Current rise time;
- t3 ~ t4 : Welding process; Note: If the pulse mode is enabled, the welding current pulses; if the pulse mode is disabled, the welding current remains constant;
- t4 : 2T: Release the trigger button. 4T: Press and release the trigger The welding current begins to drop to the crater current value. If the pulse function is enabled, the falling current is modulated;
- t4 ~ t5 : Current decay time;
- t5 ~ t6 : Crater current time;
- t6 : The arc is extinguished, and shielding gas flows out;
- t7 : The solenoid valve shuts off the gas flow; welding ends.

13. BEFORE CALLING SERVICE

If the device malfunctions, check the list of common faults and try to resolve them yourself before sending the welder to service.
Any repairs to the device may only be performed after unplugging the power cord from the outlet. Warning! The device is not sealed, and the user may remove the welder's housing to fix minor malfunctions.
CAUTION! The welder is equipped with a Fan Stop function that turns off the fan a few minutes after welding is completed and the device has cooled down. The fan restarts under load.

Symptoms	Cause	Action
No power, fault signal, or malfunction	No connection or loose plug inside the device	Check and secure all electrical connections inside the device
	Dirty interior of the device	Remove the housing and clean the inside of the device by blowing compressed air to remove dust and metal filings from the control boards and wires and electrical connections.
After turning on the power, the displays and LEDs do not light up	No power supply	Check the fuses on the power connection

The control panel is lit, the fan is running, but the welder does not strike an arc	No connection in the welding circuit	Check the terminals and ensure proper electrical conductivity of the electrode and ground cables
		Check the connection of the TIG torch to the machine; make sure the pins in the socket are not broken or jammed.
		Unscrew the TIG torch handle and check if the switch in the handle is working
The control panel is lit, the fan is running, the LED is lit , and the display shows E02	The device has overheated.	Wait a few minutes. Do not turn off the power. Once the LED goes out, continue welding.
The fan is not running	The fan is blocked by a bent cover	Straighten the fan guard
Unsatisfactory weld quality when welding with the MMA method; the electrode sticks to the welded material	Incorrect polarity of the welding cables	Connect the welding cables correctly
	Damp electrode.	Replace the electrode
	The welder is powered by a generator or via a long extension cord with insufficient cable cross-section	Connect the device directly to the power supply
Unsatisfactory weld quality when TIG welding	Check the quality of the materials and consumables used, especially the tungsten electrode and shielding gas	Replace consumable parts; replace the shielding gas with a higher-quality one
	The shielding gas is not flowing or is flowing at an insufficient rate	Check the cylinder regulator and the , tighten the hose connections to the fittings, and check the condition of the quick-connect fittings

List of errors displayed on the screen

Error code	Description
E02	Overheating protection. Wait a few minutes for the device to cool down to a temperature that allows it to restart automatically. Do not disconnect the power supply during this time, as the continuously running fan cools the device's internal heat sinks to lower the temperature more quickly. After restarting, remember to limit the welding parameters to ensure the device can continue operating continuously.
E04	Thermostat shutdown

14. OPERATING INSTRUCTIONS

The DIGITIG 208 DC MULTI should be operated in an environment free of corrosive substances and heavy dust. Do not place the device in dusty areas or near operating grinders, etc. Dust and contamination of control boards, cables, and connections inside the device with metal filings may lead to an electrical short circuit and, consequently, damage to the welder.
Avoid operating the device in high-humidity environments, and especially in situations where dew forms on metal components.
If dew forms on metal parts, e.g., after bringing a cold unit into a warm room, wait until the dew has disappeared. When operating the welder outdoors, it is recommended to place it under a roof to protect it from adverse weather conditions.
The DIGITIG 208 DC MULTI device should be operated under the following conditions:

- changes in the RMS value of the supply voltage not exceeding 10%
- ambient temperature from –10°C to +40°C
- atmospheric pressure from 860 to 1060 hPa
- relative humidity of the ambient air not exceeding 80%
- altitude up to 1000 m above sea level List

of consumable parts for the TIG T-17 torch:

No.	Name
1	Tungsten electrode
2	T-17/26 collet
3	T-17/26 current connector
4	T-17/26 gas nozzle

A complete list of consumables and spare parts is available on the website www.tecweld.pl and from TECWELD. These parts can be purchased directly.

15. MAINTENANCE INSTRUCTIONS

As part of daily maintenance, keep the welder clean, check the condition of external connections, and inspect the condition of electrical wires and cables.
Replace consumable parts regularly.
Periodically (depending on operating conditions), remove the housing and clean the interior of the device by blowing compressed air to remove dust and metal filings from the control boards, as well as electrical wires and connections.
At least once every six months, perform a general inspection of the electrical connections, paying particular attention to:

- the condition of the electric shock protection
- the condition of the insulation
- the condition of the safety system
- correct operation of the cooling system

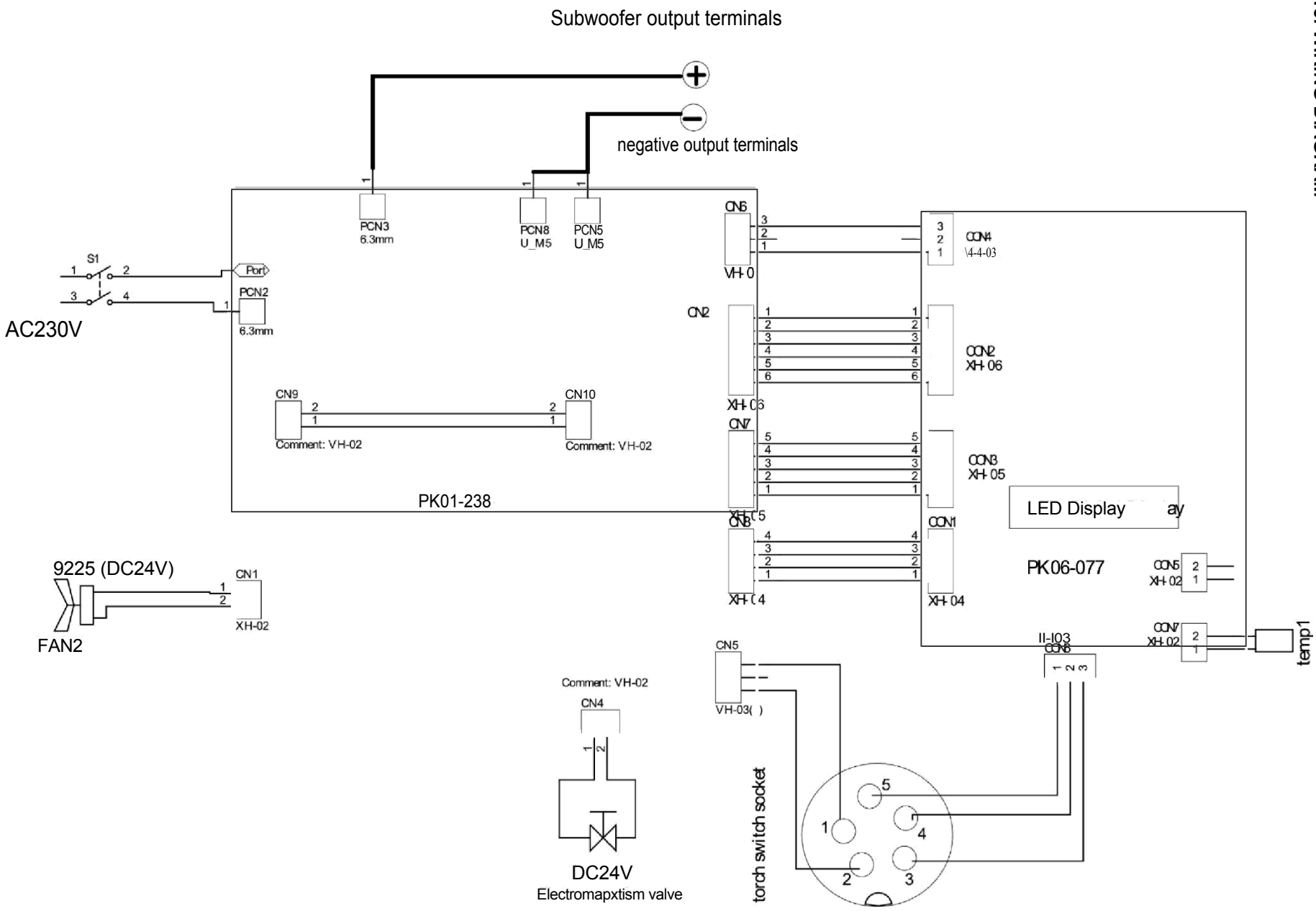
Damage resulting from operating the welder under improper conditions and failure to follow maintenance recommendations is not covered by warranty repairs.

16. STORAGE AND TRANSPORT INSTRUCTIONS

The device should be stored at a temperature of –10°C to +40°C and relative humidity up to 80%, free from corrosive fumes and dust. Transport of packaged devices should be carried out using covered means of transport. During transport, the packaged device must be secured against shifting and positioned correctly.

17. KIT SPECIFICATIONS

1. DIGITIG 208 DC MULTI Power Supply	1 pc.
2. T-17 TIG welding torch	1 pc.
3. Ground cable with clamp	1 pc.
4. Electrode cable	1 pc.
5. Shielding gas cable	1 pc.
6. User manual	1 pc.
7. Packaging	1 pc.


Subwoofer output terminals
negative output terminals
PCN3
6.3mm
PCN8
U_M5
PCN5
U_M5
S1
PCN2
6.3mm
AC230V
CN9
CN10
Comment: VH-02
Comment: VH-02
PK01-238
CN6
VH-0
CN2
XH-06
CN7
CN3
XH-05
CN1
XH-04
LED Display
PK06-077
CON5
XH-02
CON7
XH-02
temp1
9225 (DC24V)
CN1
XH-02
FAN2
CN5
VH-03( )
Comment: VH-02
CN4
DC24V
Electromapxtism valve
torch switch socket

19. WARRANTY

The warranty is valid for a period of 12 months for business entities, excluding claims related to the warranty, or 24 months for consumers from the date of sale.
The warranty will be honored upon presentation by the claimant of proof of purchase (invoice or receipt) and a warranty card bearing the product name, serial number, date of sale, and stamped by the point of sale.
To request a warranty repair, please fill out the form available at www.tecweld.pl under the SERVICE tab. Based on your request, the device will be shipped to the service center via a courier company. Devices sent by other means at TECWELD's expense will not be accepted!
The welder must be delivered together with the welding torch. Claims for devices without a welding torch will not be processed.
The device sent for a complaint must be packed in the original box and secured with the original styrofoam inserts. TECWELD is not liable for damage to the welder resulting from transport.

If you intend to dispose of this product, do not throw it away with regular household waste. According to the WEEE Directive (Directive 2012/19/EU) in force in the European Union, used electrical and electronic equipment must be disposed of separately.
In Poland, pursuant to the provisions of the Act of September 11, 2015, on Waste Electrical and Electronic Equipment, it is prohibited to dispose of equipment marked with the crossed-out wheeled bin symbol together with other waste.

A user who intends to dispose of this product is required to take the waste electrical and electronic equipment to a collection point for such equipment. Collection points are operated, among others, by wholesalers and retailers of this equipment, as well as by municipal entities engaged in waste collection activities.
These statutory obligations were introduced to reduce the amount of waste generated from waste electrical and electronic equipment and to ensure an adequate level of collection, recovery, and recycling of such equipment. Proper fulfillment of these obligations is particularly important when the waste equipment contains
hazardous components that have a particularly negative impact on the environment and human health.

TECWELD Piotr Polak
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DECLARATION OF CONFORMITY
01/DIGITIG208MULTI/2025

Authorized representative of the manufacturer:

TECWELD Piotr Polak
41-943 Piekary Śląskie,
Szmaragdowa St.
21/3/6

branch:
41-909 Bytom,
ul. Krzyżowa
1G, POLAND

We declare that the product listed below:

Inverter welder

Type : DIGITIG 208 DC MULTI

Manufacturer's trademark:

to which this declaration refers complies with the requirements of the following European Union directives and national regulations implementing these directives:

Low Voltage Directive LVD 2014/35/EU

Electromagnetic Compatibility (EMC) Directive 2014/30/EU RoHS II

Directive 2011/65/EU

and complies with the following standards:

PN-EN IEC 60974-1:2023-05+A11:2023-09 Arc welding equipment -- Part 1: Welding power sources,

PN-EN IEC 60974-10:2022-07 Arc welding equipment -- Part 10: Requirements for electromagnetic compatibility (EMC),

PN-EN IEC 63000:2019-01 Technical documentation for the assessment of electrical and electronic products with regard to the restriction of hazardous substances.

Year of CE marking on the device: 2025

Bytom, July 1, 2025

Piotr Polak
(signature of the authorized person)