1 SAFETY RULES CONCERNING THE USE OF THIS WELDING MACHINE

1.1 INTRODUCTION

All people authorized to use this machine should read the following instructions manual before using or servicing this unit.

A REMINDER: YOUR SAFETY DEPENDS ON YOU!!!

Always follow all safety regulations and instructions when using this machine. It is your responsibility to protect yourself and others against the risks related to the operation of this welding machine. The operator must be familiar with and observe all the safety rules regarding the operation and maintenance of this welding machine. NOTHING REPLACES GOOD COMMON SENSE!!!

1.2 GENERAL PRECAUTIONS

1.2.1 Fire

- Avoid causing fires due to sparks, slag, hot metal and spatter which are produced during normal welding operations.
- Make sure that a suitable fire extinguisher is located near the welding sight.
- Remove all flammable material within 30 feet of the welding area.
- Do not weld containers (tanks or drums) containing flammable material, even when empty.
- Allow the welded metal to cool down before touching it or putting it into contact with flammable material.
- Do not weld structures with hollow spaces containing flammable substances.
- Do not work in conditions where there are high concentrations of combustible vapours, gases, or flammable dust.
- Always check the work area half an hour after welding so as to make sure that no fire has started.
- Do not keep any flammable material such as lighterers or matches in your pockets while using this equipment.

1.2.2 Burns

- Protect your entire body by wearing fire-proof clothing. This will protect your skin against burns caused by: ultra-violet radiation given off by the arc, sparks and molten slag.
- The protective clothing should include: gloves, a hat, and high shoes. Your shirt collar and pocket flaps should be buttoned, and cuff-less trousers should be worn to prevent contact with sparks and molten slag.
- Wear a helmet equipped with the appropriate lens shade and a clear glass cover plate. This is imperative when welding, cutting, and chipping to protect your eyes from ultra-violet arc rays and molten spatter. Replace the glass cover plate when cracked or covered with spatter etc.
- Do not wear clothing spotted with oil or grease as a spark may set them on fire.
- Hot metal, electrode stubs and workpieces, should never be handled without gloves.
- First-aid equipment and a qualified first-aid person should always be available when welding, unless medical facilities are in the immediate vicinity, to treat flash burns of the eyes and skin burns.
- Ear plugs should be worn when working in the overhead position or in confined spaces. A hard hat should be worn when others are working overhead.
- Flammable hair sprays and gels should not be used by those persons intending to weld.

1.2.3 Fumes

Welding operations produce harmful fumes and metal dusts which may be hazardous to your health, therefore:
- Work in well-ventilated areas.
- Keep your head out of the fumes.
- In closed areas, use a fume exhaust system, preferably placed under the welding area if possible.
- If ventilation is inadequate, use an approved respirator set.
- Clean the metal to be welded of any solvents or halogen degreasers which give rise to toxic gases. During some welding operations chlorine solvents may be decomposed by arc radiation thus creating phosgene gas.
- Do not weld coated metals or those containing lead, graphite, cadmium, zinc, chrome, quicksilver, or mercury unless you have an approved respirator set.
- The electric arc creates ozone. Long exposures to high ozone concentrations may cause headaches; nasal, throat and eye irritation; as well as congestion and chest pains. WARNING: NEVER USE OXYGEN FOR VENTILATION.
- Gas leaks in confined spaces should be avoided. Leaked gas in large quantities can dangerously alter oxygen levels in the air surrounding the weld sight. Do not place gas cylinders in confined spaces.
- DO NOT WELD where solvent vapors can be drawn into the welding shield atmosphere or where arc rays can come into contact with even minute quantities of trichloroethylene or perchloroethylene.

1.2.4 Explosions

- Do not weld above or near containers under pressure.
- Do not weld in environments containing explosive dusts, gases or vapours.

When this machine is used for MIG welding, one of the following gases or gas mixtures must be used to shield the arc: Carbon Dioxide, Argon, or Argon mixed with Oxygen. When using a shielding gas pay careful attention to the following:

A) GAS CYLINDERS
- NEVER DEFACE or alter the name, number, or other markings on a cylinder. It is illegal and dangerous!
- Do not use cylinders whose contents are not clearly identified.
- Do not directly connect cylinder to the unit without using a pressure regulator.
• Handle and use pressure cylinders with care and in conformity with existing safety standards.
• Do not use leaking or damaged cylinders.
• Do not use cylinders which are not well secured.
• Do not transport or move cylinders without the protection of the installed valve and protective valve cap.
• Do not lift cylinders off the ground by: their valves or caps, by chains, by slings, or by magnets.
• Never try to mix gases in a cylinder.
• Never refi l a cylinder!
• Never lubricate the cylinder valve with oil or grease.
• Never allow an electrode to touch a cylinder!
• Do not expose cylinders to excessive heat, sparks, molten slag or flames.
• Do not tamper with the cylinder valve.
• Do not try to loosen tight valves by means of a hammer, a wrench, or any other object.

B) PRESSURE REGULATORS
• Keep pressure regulators in good condition. Damaged regulators may cause damages or accidents. They should be repaired by skilled personnel only.
• Do not use regulators for gases other than those for which they were manufactured.
• Never use a leaking or damaged regulator.
• Never lubricate regulators with oil or grease.

C) HOSES
• Replace hoses which appear to be damaged.
• Keep hoses unwound in order to prevent kinks.
• Keep the excess hose neatly wound and out of the working area in order to avoid damage.
• Cylinder fittings should never be modifi ed or exchanged.

1.2.5 Radiation
Ultra-violet radiation emitted by arc rays may damage your eyes and burn you skin. Therefore:
• Wear proper clothing and helmet.
• Use a mask or helmet equipped with lens shades that have a minimum DIN rating of 10.
• Warn people in the area surrounding the welding sight that you are going to be welding.
Remember: the arc may dazzle or damage the eyes. It is considered dangerous up to a distance of 15 meters (50 feet). Never look at an arc with the naked eye.
• Prepare the welding area so as to reduce the reflection and transmission of ultra-violet radiation: paint walls and exposed surfaces in black to reduce refl ection, install shielding systems or curtains to reduce the transmission of ultra-violet rays.
• Replace protective lenses whenever damaged or broken.

1.2.6 Electric shock
Electric shocks are hazardous and potentially fatal!!
• Do not touch live electrical parts.
• Insulate yourself from the workpiece and the ground by wearing insulated gloves and clothing.
• Keep garments (gloves, shoes, hats, clothing) and body dry.
• Do not work in humid or wet areas.
• If you are welding near a body of water take precautions to ensure that the machine cannot fall into the water.
• Avoid touching or holding the workpiece by hand.
• Should you work in a dangerous area or close to one, use all possible precautions.
• Stop welding immediately if you should feel even the slightest sensation of electric shock. Do not use the machine until the problem is identifi ed and corrected.
• Often inspect the mains input cable.
• Disconnect the power input cable from the mains supply before replacing cables or before removing the unit covers.
• Do not use the unit without protection covers.
• Always replace any damaged parts with GENUINE SPARE PARTS.
• Never disconnect any of the unit’s safety devices.
• Make sure that the mains power supply line is equipped with a good electrical ground.
• Servicing of the machine must be done by qualified personnel who are aware of the risks involved with the high voltage levels necessary to make the machine operate.

1.2.7 Pacemaker
Magnetic fields created by the high currents in the weld circuit can affect pacemaker operation. Persons wearing electronic life support equipment (pacemakers) should consult their doctor before going near any arc welding, gouging, cutting, or spot welding equipment in operation.

1.2.8 Noise
These power source alone do not produce noise levels exceeding 80 dB. The welding procedure, however, may produce noise levels in excess of 80 dB, in which case the machine operator must take the necessary safety precautions as prescribed by the national safety regulation.

2 GENERAL TECHNICAL DESCRIPTIONS

2.1 SPECIFICATIONS
This manual has been prepared with the intent of instructing the operator on how to install, operate, and properly maintain this electric arc welding machine. This machine is a constant voltage power source for MIG/ MAG and OPEN-ARC welding. Upon receiving and unpacking the machine, make a careful inspection to ensure that there are no damaged parts. Should there be a claim for losses or damages it must be made by the purchaser directly to the shipper who handled the goods.

When requesting information about this welding machine please state the machine’s part number and serial number to ensure receiving accurate information relating to your machine.

2.2 DESCRIPTION OF TECHNICAL SPECIFICATIONS
EC 974.1...This machine is manufactured according to the EN 60947.1 IEC 974 international standard.
N°. .......... Machine Serial Number which must appear on requests or inquiries concerning the machine.
3 x 400 V Single-phase transformer-rectifier.
Flat characteristic.
MIG/MAG. Continuous wire welding

U₀ .......... Secondary no-load voltage

X .......... Duty-Cycle Percentage
           The duty-cycle is the number of minutes the machine can operate (arc on) within a ten minute period without overheating. The duty cycle varies according to the output current.

I₂ .......... Output welding current
U₂ .......... Secondary voltage with welding current I₂
U₁ .......... Nominal supply voltage

3~50/60Hz Three-phase input supply at 50 or 60 Hz
I₁ .......... Input Amps absorbed corresponding to different output levels (I₂).

IP21 .......... Protection class of the machine's case
            The 1 in the singles digit place means that this unit is not fit to work outdoors in the rain.

S .......... Fit to work in hazardous areas.

NOTE: ...... This machine has also been designed to work in class 3 pollution areas (see IEC 664)

3 INSTALLATION

3.1 SETUP

Place the machine in a ventilated area.
Dust, dirt, or any other foreign material that might enter the machine may restrict the ventilation which could affect the machine's performance. Keep the machine as clean as possible.
Mount the torch rest, the bottle holder, the extension lead bracket and, if any, the cooling unit, as shown in the following figures.
3.2 INPUT POWER CONNECTIONS

- All sections concerning the installation of this machine must be read carefully.
- This machine must be installed by skilled personnel.
- Make sure that the input power plug has been disconnected before inspecting, maintaining, or servicing.
- Connect the yellow-green wire to a good electrical ground.
- Do not use water pipes as earth conductor.
- After a final inspection, the machine should be connected to the input supply voltage marked on the input power cord.
- If you wish to change the input supply voltage, remove the upper cover of the case, locate the voltage-changing terminal board and arrange the connections as shown in figure 1.

![Diagram of the machine's controls](image)

- After having changed the supply voltage, re-place the upper cover.
- This machine must never be used without the top and side covers. This is both for obvious safety reasons and to avoid interference with the machine's internal cooling system. The warranty is to be considered null and void if this machine is used without the protection of its top and side covers.
- Mount a plug on the power supply cable that corresponds to the input power drawn by the machine.
- This machine must be installed by skilled personnel.
- All sections concerning the installation of this machine must be read carefully.
- Do not use water pipes as earth conductor.

3.3 OUTPUT CONNECTIONS

3.3.1 Connecting the MIG torch.

- Depending on the operating conditions, use the shortest torch possible.
- Before connecting the torch, make sure that the wire liner has a diameter large enough for the wire that is going to be used: Blue coated liner Ø 1.5 for Ø 0.8-1 mm wires, Red coated liner Ø 2 for Ø 1-1.2 mm wires, Yellow coated liner Ø 2.5 for Ø 1.2-1.6 mm wires.

NOTE: The liner colours listed above are those in relation to solid steel wires.
- Check that the grooves of the drive rolls of the wire feedmotor and the torch contact tip correspond to the diameter of the wire that is going to be used.
- Connect the torch to the torch terminal tightening the ring nut until it is snug.
- Check that the inlet wire guide is not touching the roll of the wire feed assembly, but is very close.

3.3.2 Connecting the work return lead clamp.

- Connect the male end of the work return lead to one of the impedance taps on the front panel of the machine. The impedance tap designated by the symbol provides the maximum amount of impedance which will produce nicely filleted weld beads. This tap is recommended when welding aluminium, stainless steel, and carbon steels of binary or ternary composition. The impedance tap designated by the symbol provides the least amount of impedance and is recommended when using carbon dioxide as a shielding gas to weld carbon steels, in the upwards vertical position, of binary or ternary composition.
- Make sure that the ground clamp is tightly fastened to the work return cable and periodically check that this connection remains well tightened. A loose connection can cause weld current drops or overheating of the work return lead and clamp which, in turn, creates the risk of burns from accidental contact with the work return lead.
- The weld circuit must not be placed deliberately in direct or indirect contact with the ground conductor if it is not in the work to be welded.
- If the work to be welded is attached deliberately to the ground by a protection lead, then the connection must be the most direct possible and it must be done using a lead that has a cross section that is at least equal to the cross section of the work return lead being used for the weld circuit. The protection lead must also be attached to the work at the same spot as the work return lead. To do so, a second ground clamp, fitted to the protection lead, must be attached next to the ground clamp of the work return lead.

3.3.3 Connecting the gas hose.

- Keep the cylinders in an upright position by chaining them to their support.
- Keep the cylinders in a place where they cannot be damaged.
- Do not lift the machine with the cylinder on its support.
- Keep the cylinder away from the welding area and uninsulated electric circuits.
- Cylinders containing inert gas have to be equipped with a pressure reducer and a flowmeter.
- After having positioned the cylinder, connect the gas hose that comes out from the rear of machine to the pressure reducer output.
- Regulate the gas flow to 8-10 l/min.

4 DESCRIPTION OF CONTROLS

4.1 CONTROLS ON GENERATOR FRONT PANEL

A - Status light (white color)
This light indicates that the machine is on.
B- On/Off switch
This switch turns the machine on or off.
C- Rotary weld voltage switch
This switch selects the weld voltage setting. (Step adjustment)
D- Rotary weld voltage switch
This switch allows the fine tuning of the welding voltage selected with switch C. (Step adjustment)
E - Impedance Taps
Connect the male end of the work return lead to one of

![Diagram of the machine's controls](image)
the three impedance taps.

F - Fuses
5A/500V Ø6.3x32 fuses in line with switch C (on/off switch). These fuses protect the input power supply of the auxiliary transformer.

G - Fuse
1A/250V Ø5x20 slow blow fuse in line with the fan motor.

H - Fuse
12A/250V Ø5x20 slow blow fuse in line with the wire feed motor.

I - Fuse
0.5A/250V Ø5x20 slow blow fuse in line with the torch control circuit.

4.2 CONTROLS ON GENERATOR REAR PANEL

L - 220V power supply socket.
440 W max. power. For cooling unit only. (Warning: Do not connect other equipment to this socket.).

M - Fuse.
2A/250V. Connected in series to the power supply of plug L.

N - 10-pin socket connector.
For the 10-pin plug connector on extension lead.

O - Socket.
For the extension lead power supply connector (‘+’ pole).

P - Socket.
For connection to the safety device on the cooling unit.

N.B. If no cooling unit is used with the machine, plug the connector supplied with the machine into the socket P.

4.3 CONTROLS ON THE WIRE FEEDER FRONT PANEL

Q - Wire feed speed control.
This knob adjusts the wire feed speed.

R - Weld function selection switch
This switch selects among the following functions:

- Manual welding cycle (2 step):
  The machine begins welding when the torch trigger is pushed and stops welding when the torch trigger is released.

- Automatic welding cycle (4 step)
  The machine begins welding when the torch trigger is pushed. Once welding has begun, however, the torch trigger can be released. To stop welding, the torch trigger must again be pushed and then immediately released. This function is useful when welding for long periods of time because it helps reduce operator hand fatigue due to having to keep the torch trigger constantly pushed during normal manual welding operations.

S - Trimmer
This trimmer regulates the length of the wire that sticks out of the torch after welding is finished: “BURN-BACK.”

T - Selector switch with automatic spring return.
Use this switch to select the following functions:

- Wire feed test.
  Holding the switch pressed down in this position feeds out welding wire from the torch but with the power and gas turned off.
Gas test.

Use this switch to test gas flow. Holding the switch pressed down in this position feeds out gas without feeding out welding wire. On automatic machines, use this switch to fill the pipes with welding gas to ensure a good welding start.

**U- Quick connect torch terminal**

The welding torch is attached to this terminal.

**V - Status light** (yellow color)

When lit, indicates that the thermostat has stopped welder operation. On machines fitted with a cooling unit this warning light light up when the cooling unit is off or when the pressure switch indicates a low cooling liquid level.

**W - Status light** (white color)

This light indicates that the machine is on.

**X - Ammeter.**

Indicates the welding current.

**Y - Voltmeter.**

Indicates the welding voltage.

**N.B. When welding stops, the ammeter and voltmeter continue to show the last reading until welding restarts.**

**Z - Quick-fit hose connectors** for connection to water hoses of water-cooled torches.

**Important:** These connectors are colour-coded for safety. Ensure that hose and connector colours match.

### 4.4 CONTROLS ON THE WIRE FEEDER REAR PANEL

**A - Gas hose fitting** for extension gas hoses.

**B - 10-pin socket connector** for 10-pin plug connector

**C - Socket** for extension power supply plug.

**D - Quick-fit hose connectors** for connection to extension water hoses.

**Important:** These connectors are colour-coded for safety. Ensure that hose and connector colours match.

## 5 WELDING

### 5.1 INSTALLATION AND STARTER

- **Machine installation must be done by a competent staff.** All connections must correspond to the rules in force (CEI 20-10 HD 427) and must respect laws concerning accidents.
- **Check that the wire diameter corresponds to that indicated on the roll and mount the wire coil.**
- **Connect the pipe coming out of the extension with the cylinder flowmeter.**

- **Position the welding machine so as to allow free air circulation inside it and avoid that metal or any other.**

### 5.2 THE MACHINE IS READY TO WELD

- **Connect the ground terminal to the part to be welded.**
- **Put the switch B on I.**
- **Extract the conic gas nozzle by rotating it clockwise.**
- **Unscrew the current nozzle.**
- **Press the T selector switch down in the wire feed position until the wire is fed out of the torch.**

**WARNING:** Keep your face away from the terminal nozzle while the wire comes out.

- **Screw the current nozzle again, making sure that the hole diameter be the same as that the wire used.**
- **Insert the welding conic gas nozzle by rotating it clockwise.**
- **Open the gas cylinder and adjust flowmeter at 8-10 l/min.**

**WARNING:** Check that the gas used is compatible with the material to be welded.

### 5.3 WELDING CARBON STEELS.

To weld carbon steels the following things are necessary:

1. The use of a binary shielding gas which is most commonly Argon and Carbon dioxide, in a ratio of 75:25 % Argon and 25:10% Carbon dioxide. Some applications, however, may require a mix of three gases: Argon, Carbon dioxide (CO₂), and Nitrogen (N₂). These gas mixtures generate heat during welding and as a result the weld bead will be well filleted and neat in appearance. The penetration, however, will not be deep.

2. The use of Carbon dioxide as the shield gas results in a narrow weld bead with deep penetration but the ionization of the gas will have an influence on arc stability.

3. The use of a filler wire of the same quality as the steel to be welded. It is recommended that high quality wires be used and that welding with rusted wires be avoided because they can give rise to defects in the weld bead. Generally, the current range within which a wire can be used is calculated in the following manner:

   \[ \text{Current} = \frac{\text{Diameter of wire}}{100} \times \text{Number of Amperes} \]

   Practical example: 1.2 mm wire = 120 Amps minimum and 240 Amps maximum. These amperages are based on the use of an Argon/CO₂ mixture as the shield gas and welding in the Short Arc transfer mode.

4. Avoid welding on rusted work pieces or work having spots of oil and grease present on the surface.

5. The use of a welding torch suitable to the welding currents that are going to be used.

### 5.4 WELDING STAINLESS STEEL

Welding stainless steels in the 300 series (the austenitic series) must be done using a shielding gas mixture of predominantly Argon with a small percentage of O₂ added to stabilize the arc. The recommended mixture is Ar/O₂ in the ratio of 98/2. Do not use CO₂ or Ar/CO₂ mixtures as the shield gas.

Do not touch the welding wire with your bare hands. The filler metal (the wire) must be of a higher quality than the work to be welded and the weld area must be clean.

### 5.5 WELDING ALUMINIUM

The following is required for aluminium welding:
1) 100% Argon as welding protection gas.
2) A torch wire of composition suitable for the basic material to be welded.
   For ALUMAN welding wire 3.5% silicon.
   For ANTICORODAL welding wire 3.5% silicon.
   For PERALUMAN welding wire 5% magnesium.
   For ERGAL welding wire 5% magnesium.
3) A torch prepared for aluminium welding. If you only have a torch for steel wires, the same shall be modified in the following way:
   - Make sure that the length of the torch cable does not exceed 118 inches (it is advisable not to use longer torches).
   - Remove the brass sheath-holding nut, the gas and the current nozzles, then slip the sheath off.
   - Insert the teflon sheath for aluminium and ensure it protrudes from both ends.
   - Screw the current nozzle so that the diameter of the contact tip hole corresponds to the wire diameter that is going to be used.
4) Cut the sheath diagonally so that it stays as close as possible to the wire slide roller.
5) Use drive rolls that are suitable for aluminium wire. The drive rolls, when being installed, must be tightened as tight as possible.
6) Use abrasive grinders and tool brushes specifically designed for aluminium. Never use these tools on other materials.

### 6 WELDING DEFECTS

**1- DEFECT: Porosity** (in, or on the surface of the weld bead)

**CAUSES**
- Bad wire (rust on the surface).
- Insufficient gas shielding due to:
  - Inadequate gas flow due to a block in the gas line.
  - Defective flowmeter.
  - Gas regulator covered with frost because a gas heater was not used to heat the CO₂ shielding gas.
  - Failure of gas valve solenoid.
  - Gas nozzle plugged up with spatter.
  - Gas flow holes plugged up.
- Air drafts in the welding area.

**2- DEFECT: Shrinkage Cracks**

**CAUSES**
- Welding wire or work to be welded dirty or rusty.
- Weld bead too small.
- Weld bead too concave.
- Too much weld bead penetration.

**3- DEFECT: Lateral Cracking**

**CAUSES**
- Welding speed too fast.
- Low current and high arc voltages.

**4- DEFECT: Too much Spatter**

**CAUSES**
- Voltage too high
- Insufficient impedance
- No gas heater used for CO₂ shielding gas.

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**7 MACHINE MAINTENANCE**

**Gas nozzle.** Periodically clean the nozzle of all weld spatter that may have accumulated during welding operations. If the nozzle should become distorted or oval in shape then it must be replaced.

**Contact tip.** A good contact between the contact tip and the wire ensures a stable arc and optimal current output. Therefore, following steps must be followed:

A) The contact tip hole must be kept free of dirt or oxidation.
B) After lengthy welds, spatter can easily accumulate on the contact tip and prevent the wire from being fed. The contact tip must be cleaned regularly and if necessary it must be replaced.
C) The contact tip must always be screwed tightly on to the body of the torch. The thermal cycles which the torch undergoes during operation may loosen the contact tip which, in turn, may cause the torch body and nozzle to overheat or cause unsteady wire feed.

**The Wire Liner** is an important part that must often be checked since, during normal operations, the wire can deposit copper dust or tiny metal shavings in the lining. Periodically clean the liner and the gas line with a jet of dry, compressed air. Wire liners are exposed to continual wear and therefore they must be replaced after a certain period of time.

**Wire feed motor.** Periodically clean the wire feed assembly and the drive rolls from any rust or metal shavings due to the feeding of the wire. A periodic check of all the components of the wire feed assembly, spool holder, drive rolls, wire liner and the contact tip is recommended.

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**8 TROUBLESHOOTING**

Note: All repair work must be done by qualified personnel.

- Disconnect the power input cable from the mains supply before replacing cables or before removing the unit covers.
- WARNING! In section 4 of this instructions manual, the protection fuses and the protection that they provide for the parts of the machine (auxiliary transformer, wire feed motor, fan motor, etc) were described. If one of these components fails to function because of a blown fuse, replace the fuse, after having identified the problem that caused the fuse to blow. The machine is equipped with a thermostat that shuts the machine down when the power source overheats. After the thermostat intervenes, let the power source cool down for several minutes before resuming welding operations.

**IMPORTANT.**

**WHEN THE MACHINE IS SWITCHED ON THE VENTILATOR FAN WILL NOT OPERATE IMMEDIATELY. THIS IS NORMAL. VENTILATOR FAN SWITCHING IS DELAYED AT START UP TO REDUCE NOISE AND DUST LEVELS TO THE MINIMUM.**

The troubleshooting table lists troubles, causes and remedies for those troubles that occur most commonly.
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<th>SOLUTION</th>
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<td></td>
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<tr>
<td></td>
<td>Wrong connection on the voltage changer terminal board</td>
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</tr>
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<td></td>
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<td>Unscrew the commutator contact , remove the wire insulation and put it under the contact</td>
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<td>Welding with several metal projections</td>
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<td>Wrong current nozzle diameter</td>
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<td>Align it</td>
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<td>Obstructed or clogged sheath</td>
<td>Extract it and clean</td>
</tr>
<tr>
<td>Ammeter and voltmeter do not work</td>
<td>The fuse on the instrument p.c. board ist burnt.</td>
<td>Replace the fuse.</td>
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</table>