

Tetrix 200 MV Comfort puls 5P TG

090-000229-00502



- Gas-cooled DC TIG inverter welding machine
- Features characteristics for EWM activArc and EWM spotArc at no extra charge
- TIG welding with reproducible, electronic HF start
- TIG lift arc welding without HF
- TIG automated pulsing with automatic specification of required pulse parameters
- Pulsed TIG welding in Hz and kHz range up to 15 kHz
- 8 programmed JOBs (welding tasks)
- Non-latched/latched operation
- Clearly structured operating panel, operating elements streamlined to feature the main TIG functions
- Reduced secondary current accessible using torch trigger
- Spot welding/tack function (spotArc/spotmatic)
- Up-slope/down-slope adjustable
- Spotmatic – halves time required for tacking
- Adjustable gas pre-flows/post-flows
- **MMA welding**
- MMA average value pulsing
- Ideal for root welding
- Safe, reliable vertical-up and vertical-down welding
- Adjustable hot start current and hot start time
- Adjustable Arcforce
- Antistick function
- Safe ignition also for long hose packages
- Energy-saving thanks to high efficiency and standby function
- Portable, including shoulder strap
- Connection capability for remote control and function torch
- 3.5 m mains supply lead with 16 A shock-proof plug
- Mains connection 230 V/16 A
- Multivolt (MV): automatic mains voltage adaptation (115 V/230 V)
- **Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage**

	TIG	MMA
Setting range for welding current	5 A - 200 A	5 A - 150 A
Duty cycle at ambient t.e	40 °C	
25 %	200 A	–
35 %	–	150 A
60 %	150 A	120 A
100 %	140 A	100 A
Open circuit voltage	90 V	
Mains frequency	50 Hz / 60 Hz	
Mains fuses (slow-blow)	1 x 16 A	
Mains voltage (tolerances)	1 x 230 V (-40 % - +15 %)	
Max. connected load	4.4 kVA	–
Recommended generator power	7.5 kVA	–
cos φ	0.99	
Efficiency	86 %	
Dimensions machine, LxWxH in mm	475 x 180 x 295	
Weight, machine	11.5 kg	



WE ARE WELDING

Torch connection

Decentral

Welding site equipment for TIG welding

TIG 150 GD GRIP 5P 4m

394-512291-00600



- Gas-cooled TIG welding torch
- Double push-button
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

OW CEE 32A

092-008215-00000



- Factory fitting (no retrofitting)
- Suitable for all machines with a welding current of 350 A and above

WK35mm² 290A/60% 4m/K

092-000008-00000



- Completely assembled workpiece lead with terminal

DM 842 Ar/CO2 230bar 15l D

394-002910-00015



- Manufactured in accordance with ISO 2503
- Maximum primary pressure of 230 bar
- Single-stage
- Infinite and highly accurate adjustment
- Safety manometer with pressure meter or flow meter (bar/psi or litres per minute)
- With cut-off valve

Gas hose

094-000010-00001



- Equipped with plastic nuts on both sides for tool-free assembly

Accessories

ON Filter MV/Tetrix 180

092-002547-00000



- Dirt filter for air inlet
- Reliably protects the machine from impurities under tough working conditions.

ON 8pol 03 Tetrix 180

092-002465-00000



- 8-pole welding torch connection socket for Tetrix 180 (from serial No. 196718 onwards) and Tetrix 200

ON 12 pol TIG Tetrix 180 / 270

092-002466-00000



- 12-pole welding torch connection socket for connection to Tetrix 200/300-2

SPOTARC TIG 26 G 5P 4m

094-500046-00000



- Spot welding torch, with welding nozzles for fillet welds, edge welds and flat welds incl. setting gauge
- Better surface formation in comparison to resistance welding
- Flatter spot formation in comparison to MAG spot welding
- Excellent seam quality due to minimal heat input
- Very low thermal stresses and little distortion due to short welding times
- Perfect for visible joints due to clean seam appearance
- Robust design
- Excellent HF safety
- **Equipment as delivered:**
- Collet body: Ø 2.4 mm

TIG 150 GD GRIP 5P 4m

394-512291-00600



- Gas-cooled TIG welding torch
- Double push-button
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

Accessories

TIG 150 GRIP Little GD HFL 5P 4 m

394-512292-10600



- Gas cooled TIG welding torch with a highly flexible hose package
- Double push-button
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

TIG 150 GD GRIP 5P HFL 4m

394-512291-10600



- Gas cooled TIG welding torch with a highly flexible hose package
- Double push-button
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

TIG 150 GRIP Little GD U/D HFL 8P 4 m

394-512292-10200



- Gasgekühlter WIG-Schweißbrenner mit hochflexiblem Schlauchpaket (High-Flex-Leder)
- Besonders kompakte GRIP-Griffschale, bestens geeignet für schwer zugängliche Schweißaufgaben
- Einstellen von Schweißstrom, bei Synergic-Steuerung auch Jobumschaltung möglich
- Passend zu Geräten der Tetrix-DC und AC/DC-Serie, sowie Picotig 200 AC/DC
- Bei tragbaren Geräten ist eine 8-polige Anschlussbuchse erforderlich
- Exzellente HF-Sicherheit
- **Ausrüstung ab Werk:**
- Elektrodenhalter: Ø 2,4 mm
- Gasdüse: Ø 10 mm, Größe 8
- Wolframelektrode E3 (lila): Ø 2,4 mm
- Brennerkappe "mittel"

Accessories

TIG 150 GD GRIP 8P U/D 4m

394-512291-00200



- Gas-cooled TIG welding torch
- Setting of welding current and programs
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Suitable for devices from the Tetrax DC and AC/DC series
- An 8-pole connection socket is required for portable machines
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

TIG 150 GD GRIP 8P U/D HFL 4m

394-512291-10200



- Gas cooled TIG welding torch with a highly flexible hose package
- Setting of welding current and programs
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Suitable for devices from the Tetrax DC and AC/DC series
- An 8-pole connection socket is required for portable machines
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

TIG 150 GD 12P GRIP RETOX HFL 4m

394-512291-10700



- Gas cooled TIG welding torch with a highly flexible hose package
- Setting and display of welding current and programs
- Ergonomic GRIP handle for a secure grip
- Highly flexible hose package with 1 m leather protector
- For Tetrax DC, AC/DC Comfort and Synergic
- "ON 12-pole connection socket" option required
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

Accessories

Trolley 35-1

090-008629-00000



- Transport cart
- Solid, stable design
- For Picomig 180, Picotig 200/200 MV, Tetrax 200, Pico 180 and Pico 220
- For transporting a power source and a gas cylinder

RTG1 19POL 10m

090-008106-00010



- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- With pre-fitted 5 or 10 m connection cable
- Operating point setting directly at the site of welding
- For Tetrax, Picotig 200 AC/DC and Stick machine series

RT1 19POL

090-008097-00000



- Remote control, current
- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- Operating point setting directly at the site of welding
- Robust metal casing with rubber feet, retaining clip and holding magnet

RTP1 19POL

090-008098-00000



- Remote control, pulse, spot and pause times are infinitely adjustable.
- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- Pulse/spot/normal
- Operating point setting directly at the site of welding
- Robust metal casing with rubber feet, retaining clip and holding magnet
- For Tetrax and Picotig 200 AC/DC machine series

Accessories

RTP2 19POL

090-008099-00000



- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- Pulse/spot/normal
- Frequency and spot times infinitely adjustable.
- Coarse adjustment of the cycle frequency.
- Pulse/pause ratio (balance) adjustable from 10% to 90%.
- Operating point setting directly at the site of welding
- Robust metal casing with rubber feet, retaining clip and holding magnet
- For Tetric and Picotig 200 AC/DC machine series

RTP3 spotArc 19POL

090-008211-00000



- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- Remote control, pulse / spotArc spot welding / normal
- Frequency and spot times infinitely adjustable.
- Coarse adjustment of the cycle frequency.
- Pulse/pause ratio (balance) adjustable from 10% to 90%.
- Operating point setting directly at the site of welding
- Robust metal casing with rubber feet, retaining clip and holding magnet
- For Tetric and Picotig 200 AC/DC machine series

RTF1 19POL 5 M

094-006680-00000



- Foot-operated remote control, start/stop
- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- Start/stop welding operation
- Operating point setting directly at the site of welding

WK25mm² 230A/60% 4m FIX

398-000593-00000



- Completely assembled workpiece lead with original FIX clamp

Accessories

WK70mm² 450A/60% 4m/Z

092-000013-00000



- Completely assembled workpiece lead with clamp

WK25mm² 230A/60% 4m/K

092-000016-00000



- Completely assembled workpiece lead with terminal

EH 35qmm 4m

092-000052-00000



- Fully assembled electrode holder with cable

DM 842 Ar/CO₂ 230bar 15l D

394-002910-00015



- Manufactured in accordance with ISO 2503
- Maximum primary pressure of 230 bar
- Single-stage
- Infinite and highly accurate adjustment
- Safety manometer with pressure meter or flow meter (bar/psi or litres per minute)
- With cut-off valve

ON AL D13/27

092-003282-00000



- Cap for load sockets

Accessories

Gas hose

094-000010-00005



- Equipped with plastic nuts on both sides for tool-free assembly

L-BOXX 374

094-003899-00000



- Robuste Transportbox

L-BOXX 102

094-003900-00000



- Robuste Transportbox