



TIG AC/DC IGBT Inverter T 201 P AC DC



Main Applications

- Installation and outfitting
- Repair and maintenance
- Chemical and process industry
- Mechanical and electrical
- Stainless Steel Fabricator

Advantageous

- Superb TIG welding machine with high performance and light weight
- Dual functions for TIG / MMA and easy to operate
- TIG : TIG HF - DC welding with digital controller
- TIG : Pulse frequency at 2 Hz and 200 Hz
- TIG : Down slope time 0 - 5 s
- TIG : Post flow time 0 - 15 s
- TIG : 2T / 4T / Spot function
- MMA : Automatic Arc Force in MMA, reduce spatter
- MMA : Automatic Hot Start and Anti Stick functions

| TIG | T 201 P - AC/DC |
|---------------------------|-----------------|
| Welding range | 5 - 200 A |
| Tungsten range | 1.6 - 3.2 mm |
| Material thickness | 1 - 5 mm |
| Load voltage | 10.4 - 18.0 V |
| Open circuit voltage | 56 V |
| Current at 60 % (40°C) | 129 A |
| Current at 100 % (40°C) | 100 A |

| MMA | T 201 P - AC/DC |
|---------------------------|-----------------|
| Welding range | 10 - 160 A |
| Electrode range | 1.6 - 4.0 mm |
| Material thickness | 1 - 8 mm |
| Load voltage | 20.4 - 26.4 V |
| Open circuit voltage | 56 V |
| Current at 60 % (40°C) | 114 A |
| Current at 100 % (40°C) | 88 A |

| Specifications | T 201 P - AC/DC |
|-----------------------------|--------------------|
| Input power at max. Current | 6.6 KVA |
| Input current at 100 % | 30 A |
| Input phase | 1 Phase |
| Main voltage, Tolerance | 220 V, ± 10 % |
| Frequency | 50 / 60 Hz |
| Power factor | 0.7 |
| Efficiency | 0.85 |
| Index protection | IP 21 S |
| Insulation class | F |
| Cooling | F |
| Dimensions (L x W x H) | 502 x 217 x 381 mm |
| Weight | 9 Kg |

| Item Code | Item Name | MoQ |
|--------------|--|-------|
| 101.17.001.1 | T 201 P AC/DC - TIG AC/DC Air Cooled Package | 1 Set |
| 101.17.001.2 | T 201 P AC/DC - TIG AC/DC Water Cooled Package | 1 Set |
| | <ul style="list-style-type: none"> Control plug 5 pin - 1 pcs Gas in connector - 1 pcs Gas out connector - 1 pc Plug to ground clamp - 1 set | |

101.17.001.1

101.17.001.2

| Item Code | Item Name | MoQ | | |
|-----------------------------|--|--------|---|---|
| Standard Accessories | | | | |
| 101.17.001 | TIG AC/DC Pulse Inverter - T 201 P AC/DC | 1 Unit | • | • |
| 201.11.003 | Plug to Ground Clamp 300 A, 35 mm ² at 3 m - Inverter | 1 Set | • | • |
| 201.12.001 | Regulator Gas Hose - Blue at 1.5 m | 1 Set | • | • |
| 201.23.001 | Argon Gas Regulator | 1 Set | • | • |
| 101.12.003 | D 300 - Water Cooler Machine | 1 Set | | • |
| 208.11.001 | Water Cooled Hose Package - Blue & Red at 1 m | 1 Set | | • |

Standard Alternative

| | | | | |
|------------|---|-------|---|---|
| 203.16.007 | Tig Torch - SINTIG 17 at 4 m | 1 Set | • | |
| 203.16.009 | Tig Torch - SINTIG 17 at 8 m | 1 Set | • | |
| 203.16.010 | Tig Torch - SINTIG 26 at 4 m | 1 Set | • | |
| 203.16.012 | Tig Torch - SINTIG 26 at 8 m | 1 Set | • | |
| 203.16.015 | Tig Torch - SINTIG 9 at 4 m | 1 Set | • | |
| 203.16.017 | Tig Torch - Water Cooled - SINTIG 20 at 4 m | 1 Set | | • |
| 203.16.013 | Tig Torch - Water Cooled - SINTIG 18 at 4 m | 1 Set | | • |
| 203.16.014 | Tig Torch - Water Cooled - SINTIG 18 at 8 m | 1 Set | | • |
| 201.22.009 | Welding Helmet - Solarmatic Blue | 1 Pcs | • | • |
| 201.22.010 | Welding Helmet - Solarmatic Red | 1 Pcs | • | • |
| 201.22.011 | Welding Helmet - Solarmatic Green | 1 Pcs | • | • |

Optional Accessories for SMAW / MMA

| | | | | |
|------------|--|-------|---|---|
| 208.03.009 | Plug to Electrode Holder 400 A, 35 mm ² at 5 m | 1 Set | • | • |
| 208.03.010 | Plug to Electrode Holder 400 A, 35 mm ² at 10 m | 1 Set | • | • |

General Accessories

| | | | | |
|------------|---|--------|---|---|
| 137.01.001 | Tungsten Grinder - 240V-50/60HZ - Neutrix | 1 Unit | • | • |
| 208.18.001 | Torch Holder - TIG | 1 Pcs | • | • |



| Material | Thickness mm | Tungsten Ø mm | Welding Current A | Alumina Ceramic Nozzle |
|-------------------------|--------------|---------------|-------------------|------------------------|
| Steel / Stainless Steel | 1.0 | 1.6 | 10 - 60 | 4 |
| | 1.5 | 1.6 | 40 - 80 | 5 |
| | 2.0 | 1.6 | 70 - 120 | 5 |
| | 3.0 | 1.6 - 2.4 | 90 - 150 | 6 |
| | 4.0 | 2.4 | 140 - 180 | 7 |
| Copper | 1.0 | 1.6 | 60 - 80 | 4 |
| | 1.5 | 1.6 | 100 - 150 | 5 |
| | 3.0 | 2.4 | 150 - 180 | 6 |