

# UWI-230TP AC/DC WELDING INVERTER

Product group: **191**    Product number: **230231**

No. 1 Trusted High Performance and Reliable Aluminum Welding Machine for Ship Welding. The UWI-230TP AC/DC is able to weld electrode of up to 4,0mm diameter electrodes. It is capable to perform Stick/TIG welding. Specially design for TIG Aluminium Welding with AC/DC function. Welding machine is supplied "without" any accessories.



## Product information

### Benefits

- \* Safe in use. Open Circuit Voltage only 10V, well below the 70V limit set by the Code of Safe Working Practices for Merchant Seamen.
- \*\*Designed for durability\*\*
- \* Connects to any primary voltage between 195 and 265V. Line-voltage compensation keeps the output constant regardless of variations in input voltage.
- \* Casing of high-grade aluminium reduces weight and risk of corrosion.
- \* The unique TP (Total Protection) function effectively prevents damage to the machine in case of over voltage ( 275V)
- \* Thermal overload protection with indicator lights helps prevent machine damage if the duty cycle is exceeded or airflow is blocked
- \*\*Easy and efficient TIG welding function\*\*
- \* TIG welding of all materials including Aluminium by use of square wave current
- \* Turbo function for aluminium welding makes it possible to weld thicker gauge
- \* Lift-start in TIG mode provides easy and soft arc start.
- \* With the use of remote control, the welder has full control of arc and heat input during welding, and at finish, he has full control of down-slope and arc stop.
- \*\*For all coated welding electrodes\*\*
- \* With up to 220A output it provides full capacity for welding all coated electrodes including most 4mm electrodes.

## Specification

### General

<b>Invent Hazard Material (IMO/EU) classification</b>	D-1
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### Dimensions/Weight

<b>Dimensions L x W x H [mm]</b>	460 x 230 x 325
<b>Weight [kg]</b>	19.4

### Technical data

<b>Duty cycle [%]</b>	35% at max current
<b>Ingress protection</b>	IP23S
<b>Voltage [V]</b>	1 phase 230V 50/60Hz main supply
<b>Welding current [A]</b>	5-220A

## Documents

[UWI230TP-Instruction-manual](#)

[SDoC and MD for IHM](#)

## Related products

### Accessories

- 778149** TROLLEY E10/M10 F/TIG/MIG WELDING
- 526015** SAFE GRINDER 42V FOR WELDING MACHINES
- 230233** SPARE PART KIT UWI-230TP AC/DC NO.1

### Spares

- 670406** ACCESSORIES KIT F/UWI-230,-320,-500

### Is frequently bought together with

- 674710** TUNGSTEN EL. 1.6MM. 10PCS
- 200000** TIG TORCH T-200 W.DIX 70 CONNECTOR
- 674736** TUNGSTEN EL. 2.4MM. 10PCS
- 607810** TIG TORCH ACCESSORIES KIT
- 510010** REGULATOR 510 AR/CO2 FLOW 0-35L/MIN

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