

UWI-203 TP WELDING INVERTER

Product group: **191** Product number: **203203**

No.1 Trusted High Performance and Reliable 200A range Welding Machine for Ship Welding. UWI-203TP is compact at only 12,2kg supplied with stick electrode welding accessories. Able to weld up to electrode size of 4,0mm. It is capable to perform Stick/TIG Welding.



Product information

This product supersedes product no: **764812**

Supplied with:

Carrying strap
Electrode holder with 3m cable and connector
Return clamp with 3m cable and connector
4m primary cable mounted on the machine

Note:

Plug for the primary cable must fit the socket types used on board and is therefore not included.

Features

- Connects to any primary voltage between 380 and 440 V without need for any action from the operator
- Line voltage compensation keeps output of the power source constant regardless of fluctuation in input power from 10% below lowest to above highest rated input voltage
- Safe in use with open circuit voltage below the 70 V limit set by the code of safe working practices for merchant seamen i.e. 13 VDC.
- Automatic hot start for stick arc starts makes arc striking easy and prevents electrode sticking
- Adjustable arc force for stick electrode welding allows the arc characteristics to be changed for specific applications and electrodes: low arc force setting for smooth running electrodes like LH and Special and increased setting provides optimal characteristics for stiffer, more penetrating electrodes like E6010 types, chamfering electrodes like CH2 and electrodes for ACA gouging
- Lift-start in TIG mode provides easy and soft TIG arc starting
- Stepless adjustment of welding current through whole current range: 5 --200A
- Casing of high grade aluminium and industrial plastic to eliminate corrosion damage also contributes to low weight which together with compact outer dimensions provides good portability
- Wind tunnel design for the internal cooling air flow protects electrical components and PC boards from dirt, dust, and debris, greatly improving reliability
- Thermal overload protection with indicator lights helps prevent machine damage if the duty cycle is exceeded or airflow is blocked
- Fully portable with weight only 12 kg

Specification

General

Invent Hazard Material (IMO/EU) classification	D-1
Product catalog URL	https://www.wilhelmsen.com/product-catalogue/products/welding/arc-welding-equipment/arc-weldingcutting-machines/uwi-203-tp-welding-inverter/?epieditmode=true

Dimensions/Weight

Height [mm]	325
Length	460mm
Weight [kg]	12.2
Width [mm]	230

Technical data

Duty cycle [%]	40% at max current
Ingress protection	IP23S
Recommended fuse [A]	10A slow
Voltage [V]	3 phase 380-440V 50/60Hz main supply
Welding current [A]	5-200A DC MMA

Documents

[UWI-203-TP-VRD-Owners-manual-23092014](#)

[203203_Reparation Manual PW](#)

[SDoC and MD for IHM](#)

Related products

Accessories

905565	ARGON E-10 FILLING	768507	PINCER TOOL FOR EAR TYPE HOSECLAMPS
632794	TIG GLOVES. 6 PAIRS	619379	MANOMETER/GAUGE GUARD +
607810	TIG TORCH ACCESSORIES KIT	632976	WIRE BRUSH STEEL. 6PCS
768416	CLAMP 1 EAR 12,3-14,3MM 1/4" HOSE (20PCS)	597328	FLOWCONTROL METER, ARGON
203205	SPARE PART KIT FOR UWI-203TP	510438	LEATHER JACKET LARGE
633016	LEATHER TROUSERS W/BELT	516161	WELDING GAUGE TYPE J
597310	FLOWCONTROL VALVE, ARGON	510453	LEATHER SPATS. PAIR
764550	SKID TROLLEY FOR PLASMA AND WELDING	632984	WIRE BRUSH STAINL. 6PCS
576157	GAS HOSE 1/4" 6.3MM BLACK	510010	REGULATOR 510 AR/CO2 FLOW 0-35L/MIN
526015	SAFE GRINDER 42V FOR WELDING MACHINES	779032	AUTODARK 300 WELDING SHIELD
175596	HOSE JOINT F/6MM (1/4 INCH) OX HOSE	200000	TIG TORCH T-200 W.DIX 70 CONNECTOR
778149	TROLLEY E10/M10 F/TIG/MIG WELDING	632786	WELDERS GLOVES. 6 PAIRS

Is frequently bought together with

699165	GPO-302N 2.5X350MM 295 PCS 5,2KG
699173	GPO-302N 3.2X350MM 190 PCS 5.4 KG

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