Wilhelmsen Ships Service

Last updated: 16/10/2026 05:58:37

UWI-203 TP WELDING INVERTER

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

UWI-203TP, is a compact 200A range welding machine supplied with stick electrode welding accessories for shipboard welding. It can weld all normal coated electrodes up to 4.0mm.



Product information

This product supersedes product no: **764812**

EU Ecodesign Compliant Welding Machine

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

- Stick electrode (MMA) with automatic hot start, adjustable arc force and Lift-Arc TIG welding
- Voltage Reduction Device (VRD) function reduces open circuit voltage to only 13VDC which reduces risks of electric shock and electrocution to the lowest level
- Built-in Total Protection (TP), Line-voltage compensation and Thermal overload protection
- Made of high-grade aluminium casing that reduces weight and corrosion risks
- Delivers complete with electrode holder and return clamp

Benefits

- Safe and compliant welding machine for maritime use
- Superior reliability in tough maritime environment
- Easy arc start and anti-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-314N and Special-303N and increased setting provides optimal characteristics for stiffer, more penetrating electrodes like E6010 types, chamfering electrodes like CH-2-382 and electrodes for ACA-384 gouging
- Portable (12kg) for welding works anywhere around the vessel
- Spare part kit available for easy repair and to minimise downtime

Specification

General

Suggested Inventory Hazard Material classification	D-1

Dimensions/Weight

Dimensions L x W x H [mm]	460 x 230 x 325
Weight [kg]	12.2

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 MMA

Documents

203203_Reparation Manual PW

SDoC and MD for IHM

UWI-203TP_Instruction Manual

Related products

Accessories

200000
TIG TORCH T-200 W.DIX 70 CONNECTOR

607810
TIG TORCH ACCESSORIES KIT

510010
REGULATOR 510 AR/CO2 FLOW 0-35L/MIN

597328
FLOWCONTROL METER, ARGON

597310
FLOWCONTROL VALVE, ARGON

619379
MANOMETER/GAUGE GUARD +

905565
ARGON E-10 FILLING

576157
GAS HOSE 1/4" 6.3MM BLACK (SOLD PER METER)

764550
SKID TROLLEY FOR PLASMA AND WELDING

778149
TROLLEY E10/M10 F/TIG/MIG WELDING

600095
SET MALE/FEMALE PLUG 4P 63A IP67

720001
HPCE DYNAMIS/HPC 54/HPC 67/EL. CABLE 4x6 W/CONN. 63A 40M

Spares

203205
SPARE PART KIT FOR UWI-203TP

627885
EL.HOLDER 200A WITH DIX70 CONNECTOR

633172
RETURN CLAMP ASSY 200A W/DIX 70

Is frequently bought together with

632794
TIG GLOVES. 6 PAIRS

632786
WELDERS GLOVES. 6 PAIRS

779062
AUTODARK 2020 WELDING SHIELD

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