

# Murex Transtig AC/DC 253is

**The Murex Industry Transtig AC/DC family provide the best in TIG or MMA welding in either AC or DC process modes. Based on high frequency switching inverter technology, in combination with a software driven micro-processor based controller, they provide the ultimate in precision adjustment and control of welding parameters, and superb AC or DC performance. With a host of benefits like AC TIG without the need for continuous HF for arc maintenance, balanced electricity supply line draw, high efficiency and power factor, full pulsing facilities, digital metering of both welding current and voltage etc these machines offer unrivalled excellence. The Transtig 253is is designed, manufactured and fully tested to meet with the requirements of BSEN60974-1 "Safety Requirements for Arc Welding Power Sources" and also comply with BSEN50199 covering Electromagnetic Compatibility.**



**migtigarc**  
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## Technical Specification

| Input                         | AC/DC 253iS                            |
|-------------------------------|--|
| Mains Supply                  | 400-440V, 3-Phase, 50/60Hz             |
| Fuses                         | 3x252A slow                            |
| KVA                           | 11 (9kW)                               |
| P.F.                          | 0.8                                    |
| Output                        |  |
| Current Range                 | 4-250A                                 |
| TIG Rating                    | 250A 35% duty<br>210A 60%<br>190A 100% |
| MMA Rating                    | 250A 35% duty<br>210A 60%              |
| O.C.V (max)                   | 65V                                    |
| AC Frequency                  | 20 - 200 Hz                            |
| AC Balance                    | 10 -90%                                |
| Pulse Mode Frequency          | 0.4 - 300Hz DC,<br>0.4 - 2Hz AC        |
| Pulse Duty (mark:space ratio) | 30 to 65% (in 5 steps)                 |
| Background Current            | 10 - 90% of main current               |
| Slope Down Time               | 0.1 - 10 seconds                       |
| Start/Crater Current (4T)     | 10 - 90% of main current               |
| Post Purge Time               | 0.5 - 30 seconds                       |
| Remote Start Point Current    | 4-100A                                 |
| Dimensions (Power Source)     |  |
| Height                        | 510mm                                  |
| Width                         | 2490mm                                 |
| Depth                         | 5040mm                                 |
| Weight                        | 35kg (Net)                             |
| Standards                     | EN60974-1 & EN50199                    |



- Unsurpassed welding characteristics and performance AC or DC
- Preset digital setting of all welding parameters, current, slopes and pulsing detail etc
- High visibility LED display of welding voltage, current, times, frequencies etc
- Powerful non-contact or lift-arc TIG arc initiation
- Both balance and frequency control for AC TIG
- Run all types of MMA electrodes (AC or DC running types) including cellulose
- Full remote control facilities with variable start point current
- Optional TWCU TIG torch water cooler with audible low flow alarm.
- Optional Transtig Trolley unit to carry power source, water cooler and gas cylinder
- Comply fully with all new safety directives - Low Voltage, EMC etc.

### Includes

Transtig AC/DC 253iS power source, TG203 TIG torch with switch (3.8m), torch accessory kit, work return, gas hose, regulator and flowmeter

**Price Beat!**

*- If you can find the models we list at a better price, ring us now! We'll try to beat it (Proof of price required)*

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*Silver solder, welding curtains, gas rods, cutting & grinding discs, pickling paste, trolleys, safety footwear etc*