

Aristo® Tig 4000iw DC

The Aristo® Tig 4000iw is the ideal partner for MMA and TIG DC welding in your operation. Unalloyed and low-alloy steels, stainless steels, copper alloys and nickel-based materials can be welded with Aristo® Tig 4000iw with an extremely stable arc and excellent striking properties. A powerful device for production welding, repair or servicing work.

Aristo® TA6

Extends the TIG functions to include TIG pulse-welding for the optimal application of heat to sheet thicknesses above 0.5 mm.

Optionally, TIG torches with Up/Down remote controller to set the welding current during welding are available, also with flexible torch head.

Both control panels are characterized by simple to operate parameter settings.



- Inverters based on IGBT technology - high performance and reliability
- Excellent welding properties - high utility and high quality
- Housing with frame made of Alutech™ extruded profile, can be lifted by crane
- Dust filter included - reduces possible failures due to deposits of grinding dust, for example
- TIG torches are available with Up/Down remote control
- Energy-saving mode after 6.5 minutes
- ELP, ESAB LogicPump, starts the water pump automatically
- MMA electrodes up to 6.0 mm
- Carbon arc gouging up to 8.0 mm
- Can be controlled remotely, digital display



Technical data	Aristo® Tig 4000iw
Mains supply, V / ph / Hz	400 / 3
Fuse, slow, A	20
Setting range, TIG (DC), A	4 - 400
Open circuit voltage, V	78 - 90
Open circuit power, W	60
Power factor (TIG)	0.9
Efficiency at max power (TIG), %	86
Dimensions, incl.cooling unit, LxWxH, mm	625 x 394 x 776
Weight, incl.cooling unit, kg	81.5
Enclosure class	IP 23
Application class	S
Cooling power, W (l/min)	2000 (2.0)
Coolant capacity, liter	5.5

Maximum output at 40°C, TIG	
35% duty cycle, A/V	400 / 26
60% duty cycle, A/V	320 / 23
100% duty cycle, A/V	250 / 30



Ordering information

Aristo® Tig 4000iw, TA6

0458 630 885

Delivery includes

Supplied with 5m mains cable incl. plug and 5m return cable incl. earth clamp

Optional accessories

TXH™ 401WR 4m OKC50 Tig torch	0700 300 636
Remote control MTA1 CAN MMA/TIG/MIG	0459 491 880
Remote interconn CAN cable 5m-12p	0459 554 880
Remote interconn CAN cable 10m-12p	0459 554 881
Foot control T1 CAN 12-pol incl. 5m cable	0460 315 880
RA T1 12p adaptor for TIG torches with remote	0459 491 912
Trolley 4-wheel	0458 530 881
Flow guard complete	0456 855 880
Coolant, 50% water 50% mono-ethylene glycol	00078 100 12
Tungsten WL15 2.4x175 mm Gold	0151 574 052
Argon Regulator Single, 3/8 BSP RH fitting	0700 017 222

Control Panel TA6

- TIG and MMA welding, carbon arc gouging
- Multi-lingual menu guidance
- High frequency and LiftArc™ starting
- 2 / 4 stroke torch switch
- TIG pulse-welding with DC
- Micro-pulses up to 0.001 s
- Gas purging, gas pre- and post-flow
- Current rise time, welding current, current fall time
- 10 memory storage slots
- 3 memories for parameters that can be called up before, after or during welding from the torch button
- Minimum current setting for remote controller
- Limit value assignment and password protection
- MMA welding with Hot Start and Arc Force



TIG torches at page 30



Foot-operated remote controller T1 Foot CAN



Gouging torches, see page 90



Remote controller at page 62