



Aristo Tig 4000i TA4 / TA6

Inverter Power Sources for DC TIG / Pulse TIG / MMA

- Heavy-duty power sources for MMA, DC TIG (TA4) and also DC Pulse TIG (TA6) with excellent welding output.
- Robust and compact construction.
- Dust filter to withstand tough working environment.
- 10 job memories (TA6).
- Welding thin sheets using pulse TIG (TA6).
- All positional welding with high efficiency and quality.
- Suitable for manual and mechanized TIG applications.
- Burns MMA electrodes of any class of size up to 6.3 mm.
- Trolley, remote hand / foot control optional.



Technical Data	Tig 4000i (TA4)	Tig 3000i (TA6)
Power Source	Tig 4000i	Tig 4000i
Mains supply, Ph x V, Hz	3 x 400±10%, 50	3 x 400±10%, 50
Open circuit voltage, VDC (Max)	90	90
Welding current range, A (TIG)	4 - 400	4 - 400
Welding current range, A (MMA)	16 - 400	16 - 400
Output at 60% duty cycle, A	320	320
Output at 100% duty cycle, A	250	250
Type of cooling	Forced Air	Forced Air
Enclosure class	IP 23	IP 23
Application class	S	S
Dimensions, l x w x h, mm	625 x 394 x 476 625 x 394 x 776*	625 x 394 x 476 625 x 394 x 776*
Weight, Kg	59 / 79*	59 / 79*
Standards of compliance	IEC/EN 60974 -1/-10	IEC/EN 60974 -1/-10
Cooling Unit*		
Coolant type	50% water / 50% ethylene glycol	50% water / 50% ethylene glycol
Cooling power, W**	2500	2500
Coolant volume, ltr	5.5	5.5
Max flow, ltr/min	2	2
Control Panel	TA4	TA6
TIG start mode	HF / Lift Arc	HF / Lift Arc
2/4 Stroke	2 / 4	2 / 4
Slope up, sec	0 - 5	0 - 5
Slope down, sec	0 - 10	0 - 10
Gas pre-flow, sec	0 - 5	0 - 5
Gas post-flow, sec	5 - 25	5 - 25
Pulse / background current, A	--	4 - 400
Pulse / background time, sec	--	0.001 - 0.1

* Applies to water cooled models Aristo Tig 4000iw TA4 / TA6 only

** At 40 Deg C temperature difference and flow rate 1.5 ltr/min