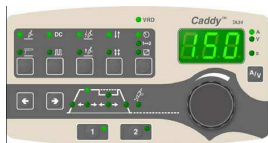


TIG Equipments

Portable solutions for professional welding

Robust and powerful

Aristo™ Tig /Caddy™ TIG/Origo™ TIG are ideal partner when it comes to efficient production indoors or outdoors, installation on site or all type of repair & maintenance welding. The power source is a compact and sturdy piece of equipment with a chassis made of robust material that withstands rough treatment. The power source is based on inverter IGBT technology that provides reliable equipment with outstanding welding characteristics. The communications and control CAN-bus system means fewer cables, which in turn increases operational reliability. Details of Heliarc AC/DC TIG included.



	Caddy™ Tig 1500i	Caddy™ Tig 2200i	Origo™ TIG 3001i	Aristo™ Tig 4000iw
Control Panel options	TA33 (no pulse) TA34 (pulse)	TA33 (no pulse) TA34 (pulse)	TA24 (pulse)	TA4 (no pulse) TA6 (pulse)
Mains supply ph x V, Hz	1x230, 50	1x230, 50	3x400, 50	3x400, 50
Fuse (slow), A	16	16	16	25
Energy save mode, W	30	30	30	60
Power input KVA TIG	2.0	2.5	7.2	12
2/4 stroke	Yes	Yes	Yes	Yes
Setting range TIG	3 – 150	3 - 220	4-300	4-400
Setting range MMA	4 - 150	4 - 170	16-300	16-400
Open circuit voltage, V	72	72	67	78-90
Power factor at 100% TIG	0,98	0,99	0,89	0.65
Efficiency at 100%, at TIG	77	75	82	85
at 60% duty cycle, TIG, A/V	120/14,8	150/16,0	240/19,6	320/23
at 100% duty cycle-TIG,A/V	110/14,4	110/14,4	200/18,0	250/20
Slope up, sec	0-10	0-10	0-10	0-5
Slope down, sec	0-10	0-10	0-10	0-10
Gas pre flow, sec	0-5	0-5	0-5 Gas	0-5
post flow, sec	0-25	0-25	0-25	0-25
Pulse time, sec	0.001-2.5	0.001-2.5	0,001-2,5	0.001-5
Background time sec	0.001-2.5	0.001-2.5	0.001-2.5	0.001-1.0
Pulse current A	4-200	4-200	4-300	4-400
Background current A	4-200	4-200	4-300	4-400
Insulation class	H	H	H	H
Enclosure class	IP 23	IP 23	IP 23	IP 23
Application class	S	S	S	S
Dimensions l x w x h, mm (incl. cooling unit)	418 x 188 x 208	418 x 188 x 208	652x249x423/ 714x249x693*	625 x 394 x 496
Weight, kg (incl. cooling unit)	9,2	9,4	33,5/ 54	59/79
Standards IEC/EN	60974-1,-3,-10	60974-1,-3,-10	60974-1,-3,-10	60974-1,-3,-10
Water cooled version Add-on unit	CoolMini	CoolMini	CoolMidi 1000	Built-in
Coolant volume, l	2,2	2,2	5	5.5
Order Code	1620607391 (TA34)	1620607385 (TA33) 1620607386 (TA34)	1620607572 (TA24)	1620607187 (TA4) 1620607189 (TA6) 1620607188 (iwTA4) 1620607190 (iwTA6)

• TA34 AC/DC



	Caddy TIG 2200i AC/DC	Origo TIG 3000i AC/DC	OrigoTIG 4300i AC/DC	Heliarc 355BR AC/DC
Control Panel options	TA33 (no pulse) TA34 (pulse)	TA24 (pulse)	TA24 (pulse)	-
Input				
Mains supply, V/Ph, Hz	1x230, 50	3x400, 50	3x400, 50	2x440, 50
Fuse (slow), A (with PFC)	16	20	25	80
Energy save mode, W	40	30	75	-
Output				
Setting range TIG AC/DC A	4-220	4-300	4 - 430	5 - 380
Setting range MMA	16-160	16-300	16 - 430	10 - 380
at 60% duty cycle, TIG, A/V	150/16,0	240/19.6	400/26	-
at 100% duty cycle, TIG, A/V	140/15,6	200/18	315/22.6	250/30
Open circuit voltage, V DC	54-64 V	54-64	83	72-80
Frequency AC, Hz	10-152	10-150	10-152	50
AC balance, %	50-98	50-98	50-98	50
Power factor at 100%, at TIG mode	0,98	0.72	0.89	0.76 with PFC
2/4 Stroke	Yes	Yes	Yes	Yes
Enclosure class	IP 23	IP 23C	IP 23	IP22
Insulation class	H	H	H	H
Standards: IEC/EN	60974-1, -3, -10	60974-1, -3, -10	60974-1, -3, -10	-
Weight, kg (with cooler for built-in)	15	42	95	200
Slope up, sec	0-10 -	0-10	0-10	0.1-5*
Slope down, sec	0-10	0-10	0-10	0.1-5*
Gas post-flow, sec	0-25	0-25	0-25	3-30
Pulse frequency DC, sec	0,01-2,5	0.01-2.5	0.01-2.5	0.05-5**
External dimensions mm, lwxwxh	407x187x345	652x412x423	625x394x776	700 x 1400 x 950
Water cooling unit	CoolMini 1000 1620607582	CoolMidi 1800 1620607283	Built-in option	WC-8c 1620607462
Coolant volume, l	2,2	4.2	5.5	7
Order Code	1620607362 (TA33) 1620607363 (TA34)	1620607282	1620607365	1620607421
TIG Torch option 4/8M	TXH 200 TXH 250W	TXH 200 TXH 250W	TXH 200 TXH 250W	HW26 HW18
Options	-	Trolley 1620607285	Trolley 1620607183	-



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