



CADDY[®] TIG 2200i

**PORTABLE SOLUTIONS FOR
PROFESSIONAL WELDING**



CADDY® TIG 2200i

The Caddy® name has always been synonymous with robust and durable welding tools designed for the professional welder. Introducing the fifth generation of portable welding equipment from ESAB the latest Caddy® machines have over 30 years experience in inverter technology built in.

OFFERING TRUE PORTABILITY

Not only is Caddy® Tig 2200i small and of low weight. Thanks to its intelligent, compact design it is easy to take along to different indoor and outdoor worksites and also to tuck away when not used, making it handy both in the workshop and on the move.

Single phase mains connection makes it easy to find an electricity supply for the unit, and it works equally well when powered by a portable generator.

Thanks to the built-in PFC circuit the machine can operate with extra long mains cables, over 100m, giving the welder a very large working radius.

IMPACT RESISTANT DESIGN

Composite materials in combination with smart design solutions provide a durable and impact resistant machine, adapted to rough conditions. The control panel is recessed, which provides additional protection and durability. Caddy® Tig 2200i has sturdy and impact resistant cable connectors with OKC 50.

IMPROVING THE WELD QUALITY

The TA34 version is designed to support and enhance the skills of the welder and enables excellent welding results to be achieved in a wide range of materials and thicknesses. The TA34 version comes with both adjustable slope up and slope down. It also comes with Micro Pulse functionality, making it easy to control the heat input and minimizing the heat affected zone. This is helpful especially on thin sheets and high tense steels.

Caddy® Tig 2200i provides true MMA capability with the same capacity and features as ESAB MMA machines of the same voltage range, including the features Hot start, arc force setting, Arc Plus II* and additionally, polarity switch.

SUPPORTING THE WELDER

The control panel is easy to overview and has a digital display for accurate welding parameter setting, high control and feedback. It is easy to understand and set, with or without gloves on. The TA34 version comes with two memories for pre-sets, enabling quick and accurate return to pre-defined settings.



Caddy® Tig 2200i comes with a handy, ergonomic torch with a ball joint that decreases the stress on the welder's wrist and helps the welder access the material in confined spaces.

The 2200i version can also easily be (retro)-fitted with a water cooler.

*To obtain full output, for use a 12 KVA portable generator with automatic voltage regulation

**Arc Plus II generates an intense yet smooth and stable arc that is easy to control. Smaller droplets are generated, the arc burns smoothly, and there is no need to pause at the edges when weaving. Arc Plus II offers even better welding characteristics, simplifies your work and gives you better weld quality with less need for post weld treatment.

- **Designed for quality TIG-welding in alloyed, non-alloyed and stainless steel.**
- **Easy to use** – All welding parameters presented in clear layout.
- **ESAB 2-program function** – The ability to pre-program and change program during welding.
- **Pulsed TIG welding** – Increased control of heat input and the weld pool.
- **Micro Pulse** – Minimise heat affected zone especially on thin material.
- **ArcPlus™ II** – Better welding characteristics, simplifies your work and gives you better weld quality with less after treatment.
- **True MMA welding characteristics** – Hot start and Arc force setting.
- **Extra long mains cable capability** – Gives extra large working radius.

APPLICATIONS

- **Repair and maintenance**
- **General light fabrication and civil construction**
- **Shipbuilding and offshore**
- **Transport and mobile machinery**



CADDY® TIG 2200i

CADDY® TIG 2200i
(watercooled)

CADDY® TIG 2200i DC PLANT	W1009600
Caddy® Tig 2200i, TA34 package Includes: Mains cable & Plug 3m 240V/15 Amp 0460450873, TIG Torch TXH™201F 8m 0700300557, TIG Torch Accessories Kit BGS AK2, MMAW Lead Set 4m, Gas Hose Kit clamp 2m, Regulator Comet 250 Argon 45LPM 201017, Kit Connector 5/8-18UNF RH 308689 & instruction manual.	0460 450 873
Cooling unit, CoolMini™	0460 144 880
Regulator Argon Twin Gauge	301526
Hose end connector 5/8-18unf -	308689

TECHNICAL DATA, CADDY® TIG 2200i	
Mains supply V/ph Hz	230/1 50/60
Fuse (slow), A	16
Recommended generator size, kVA	12
Mains cable, mm ²	12
Permitted load at 40°C, TIG	
25% duty cycle, A/V	220/18,8
60% duty cycle, A/V	150/16,0
Permitted load at 40°C, MMA	
25% duty cycle, A/V	170/26,8
60% duty cycle, A/V	130/25,2
Setting range TIG, A	3 - 220
Setting range MMA, A	4 - 170
Open circuit voltage, V	72
Open circuit voltage, (VRD active)	<35V
Power factor at maximum current (TIG)	0,99
Power factor at maximum current (MMA)	0,99
Efficiency at maximum current (TIG), %	75
Efficiency at maximum current (MMA), %	81
Dimensions LxWxH, mm	418 x 188 x 208
Weight, kg	9,4
Enclosure class	IP 23
Application class	S
Standards	IEC/EN 60974-1, IEC/EN 60974-3, IEC/EN 60974-10
Operating temperature, °C	-10 to +40

*Hidden function

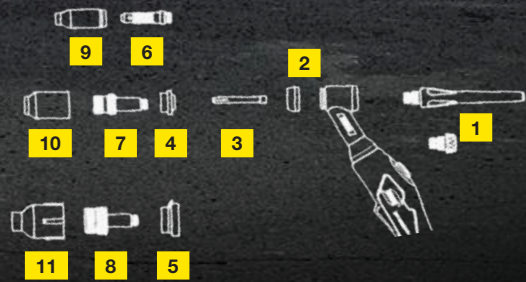
** Assembly Kit is necessary when fitting the CoolMini to Caddy Tig 2200i DC

TECHNICAL DATA, WATER COOLING UNIT COOLMINI	
Cooling capacity W, l/min at 40 °C	700/1.0
Coolant volume, l	2.2
Max flow, l/min	2
Max pressure, 50/60 Hz, bar	2.3 bar
Weight, kg	6.7
External dimension, mm LxWxH	418 x 188 x 137

TECHNICAL DATA, CONTROL PANELS CADDY® TA34	
Slope up, sec	0-10
Slope down, sec	0-10
Gas pre-flow, sec	0-5
Gas post-flow, sec	0-25
Pulse-/background time, sec	0.01-2.5
Micro pulse' time, sec	0.001-0.250
Plate thickness setting, mm	-

ACCESSORIES	
Shoulder strap	0460 265 003
Trolley (for 5 to 10 l gas cylinder)	0459 366 885
Trolley (for 20 to 50 l gas cylinder)	0459 366 887
Trolley (for 20 to 50 l gas cylinder)	0460 330 880
Foot pedal T1 Foot CAN incl. 5m cable	0460 315 880
Remote control AT1 CAN	0459 491 883
Remote control AT1 CoarseFine CAN	0459 491 884
Remote control MTA1 CAN	0459 491 880
Remote Adaptor Kit RA-T1	0459 491 912
Connection cables for remote controls	
5m cable CAN	0459 554 880
10m cable CAN	0459 554 881
TIG torch TXH™ 151 OKC 50, 4m	0700 300 538
TIG torch TXH™ 151 OKC 50, 8m	0700 300 544
TIG torch TXH™ 201 OKC 50, 4m	0700 300 552
TIG torch TXH™ 201 OKC 50, 8m	0700 300 555
TIG torch TXH™ 251w OKC 50, 4m	0700 300 561
TIG torch TXH™ 251w OKC 50, 8m	0700 300 563
Sentinel A50 Air	0700 000 801
Sentinel A50 Air (ESAB PAPER) Complete	0700 000 827
Esab Curved TIG gauntlet, L	0700 005 041

- 1 Back cap
- 2 Heat shield
- 3 Collet, standard and for gas lens
- 4 Heat shield
- 5 Heat shield
- 6 Collet body, standard
- 7 Collet body with lens
- 8 Collet body, extra large lens
- 9 Gas nozzle, standard
- 10 Gas nozzle, for gas lens
- 11 Extra large gas nozzle for extra large gas lens



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CIGWELD **ARCAIR** **STOODY** **TWECO** **THERMAL DYNAMICS**