

CHAMP T400

The new world class Inverter based DC Indigenous welder



- Three phase inverter based, high efficiency and high power factor DC Welder
- Enhanced Reliability due to SMD technology
- High frequency IGBT based Rectifier
- Arc force adjustment on panel
- TIG Welding possible with External HF Unit
- Light weight, compact and portable power source for easy handling at all work places including project sites
- Robust and Reliable design - withstands harsh environments



WELDERS TO THE NATION SINCE 1951
ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

www.adorwelding.com



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SALIENT FEATURES

- Latest PWM inverter technology
- IGBT based
- High efficiency
- Built in Hot Start
- Smooth and stable arc with minimum spatter
- Controls provided for adjustments of Arc force
- TIG operation possible with external HF TIG Control unit.

PROTECTIONS WITH AUTO RESET

- Input Supply Voltage protections for over and under voltage
- Over Temperature
- Protection against Single phasing

TECHNICAL SPECIFICATIONS	UNIT	CHAMP T400
INPUT		
Input Supply: Voltage Phase Frequency	 Volts. No. Hz	415 , +15%, -10% 3 50/60
Input KVA@415Vac @ 100% duty cycle @No Load	 KVA KVA	11 0.24
Power Factor Efficiency	CosØ %	Upto 0.93 ≥ 85
OUTPUT		
Open Circuit Voltage	 Volts	72
Welding Current Range	 Amps	10-400
Welding Current (40°C 10 minute cycle) @ 60% duty cycle @ 100% duty cycle	 Amps Amps	400 310
GENERAL		
Suitable for Welding Electrode Size Arc force setting Built in Hot Start Current Display (Actual)	mm Ø	2.5, 3.2, 4, 5 and 6.3 mm Adjustable by Potentiometer 25% more than set current for 2 second 3digit – 7 segment digital panel meter
Ingress Protection Cooling Insulation Welding Output Terminals	 Class Type Class	IP23 Forced Air H Stud type for Lug type cable connections
Dimensions Length Width Height (with handle) Height (without handle)	 mm mm mm mm	610 295 520 480
Weight (approx.)	 Kg	32
ORDERING INFORMATION		
Standard Power Source - MMA outfit	MODEL	PRODUCT CODE
	CHAMP T400	F.10.34.501.0013
OPTIONAL ACCESSORIES		
Welding Cable Assembly 5mtr. Earthing Cable Assembly 5mtr. Remote control unit 10 mtr.		S17.01.002.0059 S17.01.002.0050 S17.01.002.0049

- **Warranty:** One year from the date of purchase. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.
- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/change the design and /or the specifications without any prior notice.
- Backed by dedicated customer care package.



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