

CHAMP ARC 201

The world class inverter based DC welder



- Latest Inverter based technology with constant output current
- IGBT based operating at high frequency
- Suitable for TIG and MMA welding operation
- Suitable for scratch start TIG in 'TIG' Mode for Normal operation.
- Current setting with encoder with digital display of current on front panel

PASSION FOR WELDING SINCE 1951



ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

www.adorwelding.com





SALIENT FEATURES

TECHNICAL SPECIFICATIONS	UNIT	CHAMP ARC 201
INPUT		
SUPPLY VOLTAGE, PHASE, FREQUENCY	VOLTS, AC	240 V +10%, -15%, 1 PHASE, 50 / 60 HZ
MAX. INPUT KVA @ 240 V SUPPLY		MMA MODE
@ 100% DUTY CYCLE	KVA	5.0
@ 60% DUTY CYCLE		6.0
@ 35% DUTY CYCLE		9.0
EFFICIENCY	%	UPTO 86
OUTPUT		
OPEN CIRCUIT VOLTAGE	VOLTS, DC	55 V DC +/- 5 V
WELDING CURRENT RANGE	AMPS, DC	15 - 200
WELDING CURRENT AT 40 DEG C, 10 MINUTE CYCLE		
@ 100% DUTY CYCLE	AMPS, DC	120
@ 60% DUTY CYCLE		150
@ 35% DUTY CYCLE		200
GENERAL		
SUITABLE FOR WELDING ELECTRODE SIZE	MM Ø	2.5, 3.2, INTERMITTENT 4
INGRESS PROTECTION	TYPE	IP21
COOLING	TYPE	FORCED AIR
INSULATION	CLASS	F
FRONT PANEL FUNCTIONS	-	1) MMA / TIG MODE SELECTION SWITCH. 2) ENCODER FOR SELECTED PARAMETER VALUE INCREASE / DECREASE 3) 'MAINS ON' GREEN LED INDICATION AND 'TRIP' RED LED INDICATION WHEN MACHINE IS IN PROTECTION MODE 4) DIGITAL DISPLAY OF CURRENT
PROTECTIONS	-	OVERVOLTAGE, OVER TEMPERATURE
DIMENSIONS L X W X H (WITH HANDLE)	MM	320 X 120 X 195
WEIGHT (APPROX.)	KG	4.3

ORDERING INFORMATION

CHAMP ARC 201 Outfit including Input supply cable, welding and earthing cables - 3 metres each F10.34.501.0131

OPTIONAL ACCESSORIES

4 meter TIG torch, MODEL-HIPROTIG-180 TV-4 with CAMLOCK end connection S15.01.002.0155

Warranty: One year from the date of commissioning. ADOR WELDING LIMITED warrants that all new equipments 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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