



CHAMP 250 X

SINGLE PHASE INVERTER BASED DC WELDER - 250 AMPS



1
Phase

CC

MMA

DC-TIG

Key Attributes

CHAMP 250X is a most reliable and dependable SMAW welding machine with Single Phase, 240V Power Supply, proven for a wide range of applications. The Inverter based power source enables welder to obtain the desired arc current with ease. The equipment has a rugged design, with reliable performance, superior arc characteristics and minimum maintenance requirements.

SALIENT FEATURES:

- Inverter based technology.
- Suitable for MMA application
- Handle on top cover for lifting means
- Adjustable arc force, antistick function.

PROTECTION:

- Over/Under Voltage.
- Over current
- Over Temperature



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TECHNICAL SPECIFICATIONS

PARAMETERS	VALUE	UNIT
SUPPLY VOLTAGE, PHASE, FREQUENCY	240 V +10%, -15%; 1; 50	V AC, NOS., HZ
MAX. INPUT KVA @ 240 V SUPPLY	9.2	KVA
EFFICIENCY	86	%
OUTPUT	-	
OPEN CIRCUIT VOLTAGE	75 V \pm 5	VOLTS, DC
WELDING CURRENT RANGE	20 - 250	AMPS, AC
WELDING CURRENT (AT 40°C, 10 MINUTE DUTY CYCLE)	250 @ 40% DUTY CYCLE, 195 @ 100% DUTY CYCLE	AMPS, AC
GENERAL		
SUITABLE FOR WELDING ELECTRODE SIZE	2.5, 3.2, 4 AND 5	mm \varnothing
ARC FORCE SETTING	ADJUSTABLE BY POTENTIOMETER	-
CURRENT DISPLAY	3 DIGIT -7 SEGMENT DIGITAL PANEL METER	AMPS, AC
INGRESS PROTECTION	IP21S	RATING
FRONT PANEL FUNCTIONS	-	1) CURRENT AND ARC FORCE ADJUSTMENT POTENTIOMETERS 2) GREEN LED INDICATION -MAINS POWER ON 3) 3 DIGIT 7 SEGMENT CURRENT DISPLAY 4) RED LED TRIP INDICATION
COOLING	FORCED AIR	TYPE
INSULATION	H	CLASS
DIMENSIONS L X W X H	410 X 170 X 290	MM
WEIGHT (APPROX.)	6.5	KG