

Sohal

Inverter Tig/MMA Welding Machines

Models:
PST200 & PST220

Our inverter welding machines are based on fast switching IGBT Devices. IGBTs are advanced version of MOSFET's. These machines are designed and developed in our company. Most of the parts in machines are Indian. We test all machines individually for under volt, over volt and performance. These machines are capable to withstand Indian power supply conditions and also works on gensets.

Inverter is the name of technology, which is used for converting voltage and current levels up or down. It is replacement of conventional line frequency transformers with advantage of power saving, better power factor, small & compact size, light weight and portability. Due to benefits of this technology more and more equipments are building better by adopting this technology.



TECHNICAL SPECIFICATIONS:

ITEM	UNIT	PST200	PST220
Supply	V	180-260	180-260
Phase	Ph	1	1
Frequency	Hz	50-60	50-60
KVA/KW	KVA/KW	5.5/3.2	6/3.5
Min. Current	A	10	10
Max. Current	A	200	220
OCV	V	90	90
Duty Cycle	%	60	70
Weight	Kg	12.2	12.8
Dimensions LxWxH	cm	45x16.5x30	45x16.5x30

SALIENT FEATURES :

- » Advanced IGBT Inverter technology
- » Low power consumption and high efficiency
- » Spatter free smooth arc
- » Light weight and portable
- » Suitable for up-to 2mm sheet
- » Wide supply voltage range
- » Under Volt, Over Volt and thermally protected
- » HF Arc starting
- » Adjustable pulse frequency
- » Compatible for welding mild steel, stainless steel, copper & titanium

Accessories : Tig torch, 3 meter welding cable with holder, 2 meter earth cable with clamp.

Applications : Auto parts, Showroom items, SS door, windows and railing, Dyeing and hosiery machinery, Maintenance work, On site work, Hard facing and applicable for any kind of special electrode made for rectifier.

Sohal Electric Works