



**Welding process**

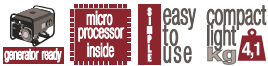
- MMA stick welding
- TIG DC Lift start welding

**Materials**

- Carbon steels
- Stainless steels
- Cast irons

**Applications**

- Light job shop fabrication
- Building sites
- Repair and overhaul
- Handicraft working
- Vehicle bodywork repair
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians



**Technical features**

- Advanced inverter technology power source for superior arc performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Excellent performances also with long power supply extension cables
- Ideal for stick welding with all types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Dinse connector, 25mm<sup>2</sup>

**Power source**

			<b>P</b>	<b>X%</b>			<b>P.F.</b>	<b>I<sub>2</sub></b>	<b>U<sub>o</sub></b>	<b>IP</b>	mm l x w x h	Kg
<b>Genesis 145</b>	1x230V	16A	7,1kVA 5,0kW	40°C 40°C 40°C	35% 60% 100%	145A 120A 100A	0,70	5-145A	78V	23S	280x110x220mm	4,1kg

Part No.	Description
<b>Genesis 145 - MMA welding configuration</b>	
55.02.012	GENESIS 145 1x230V
73.10.02501	ACCESSORIES KIT (HAND-SHIELD, WIRE BRUSH AND DE-SLAGGING HAMMER, ELECTRODE HOLDER, EARTH CABLE)
74.10.007	CARRYING BAG
<b>Accessories</b>	
<b>Torch</b>	
81.02.005	TIG WELDING TORCH SR 17 V - L.4m - AIR COOLED
81.02.004	TIG WELDING TORCH SR 17 V - L.8m - AIR COOLED
<b>Other</b>	
72.01.007	PRESSURE LIMITER - IT
72.04.001	ARGON-CO2 GAS FITTING
73.10.02501	ACCESSORIES KIT (HAND-SHIELD, WIRE BRUSH AND DE-SLAGGING HAMMER, ELECTRODE HOLDER, EARTH CABLE)