

TIG 1681 DC HF



Post Gas

Slope Down



It's suitable for welding of iron, steel, stainless steel, copper and titanium. For assembling of external plants, on-site maintenance operations and hard to reach spaces, applications in small-sized production plants and repair works.

MAIN FEATURES

- Stable arc.
- Easy to use.
- **Microprocessor** control of welding functions.
- **2-stage, 4 stage** functions.
- **Slope-down** and **post-gas** adjustment.
- Presetting for **remote control**.
- In TIG mode, the arc may be started either in high frequency (**HF Start**) or by contact (**Contact Start**).
- In MMA-SMAW mode, it allows welding with **rutile and basic coated electrodes**.
- Forced air cooling through cooling tunnel.
- Possibility to be connected to **household mains** or to **generators** with an electronic regulator of the tension (not greater than 260V RMS) and a power equal to or greater than 4,8 kVA.
- Equipped with strong **shoulder strap**.
- Possibility of using 50 m **long power cables** with no significant power losses.
- **IP23** protection to allow open-air works.
- It is equipped with **PFC** (Power Factor Correction) device to reduce and stabilize the absorbed power.
- Small dimensions and light weight.
- On request, it's available complete with suitcase and accessories.

Single phase INVERTER portable power source for **TIG welding with high frequency** and **MMA-SMAW welding**.

HIGH FREQUENCY INVERTER POWER SOURCE FOR TIG AND MMA WELDING

TECHNICAL DATA

	Code	S00154	
	Model	TIG 1681 DC HF	
	Input voltage	1x230V 50-60Hz	
	Installation power	3 kW	
		TIG	MMA
	Welding current	5 ÷ 160 A	10 ÷ 140 A
	Duty cycle	40% 60% 100% 160A 135A 110A	30% 60% 100% 140A 115A 95A
	Electrodes	Ø mm 1,6 ÷ 3,2	
	Stepless regulation	ELECTRONIC	
	Protection class	IP23	
	Insulation class	H	
	Construction standards	EN60974-1 EN60974-10	
	Dimensions	135x425x280h mm	
	Weight	9,5 kg	

We reserve to modify data