

With inverter technology, the **PROGYS 250 TRI** is a 3-phase MMA (SMAW) / TIG (GTAW) portable power source with exceptional welding performance. Featuring advanced electronics, this product guarantees maximum productivity, even in harsh environments. Its switchable Voltage Reduction Device (VRD) protects the welder in hazardous areas (mines, chemical and petrochemical installations, shipyards, etc.).

MMA (SMAW) / TIG Lift (GTAW)

- **MMA (SMAW)** : rutile (6013), basic (7018) and cellulosic (6010) electrodes (up to Ø5 mm)
- **TIG (GTAW)** process with LIFT arc ignition (Ø1.0 to 2.4 mm).

WELDING AIDS

- **Adjustable Hot Start** for a better arc ignition.
- **Adjustable Arc Force** : temporary current increase when welding in difficult situations.
- **Antisticking** : reduce the risk of the electrode sticking to the metal when in contact.

HEAVY DUTY

- **High duty cycle** : 230A @ 60%.
- **High no-load voltage** (82V) for a good arc dynamic and to facilitate the arc ignition for cellulosic (6010) electrodes.
- **Optimised cooling** thanks to the air-tight ventilation corridor that helps insulating the electronic components from the dust.

SIMPLE AND ACCESSIBLE

- Current / voltage display when welding.
- **Intuitive display** with knobs designed to be operated while wearing gloves.
- Optional remote control (ref. 045675).

WELDER'S PROTECTION

- **VRD** (Voltage Reduction Device) can be activated via an internal switch to lower no-load voltage down to 20V for safety reasons.

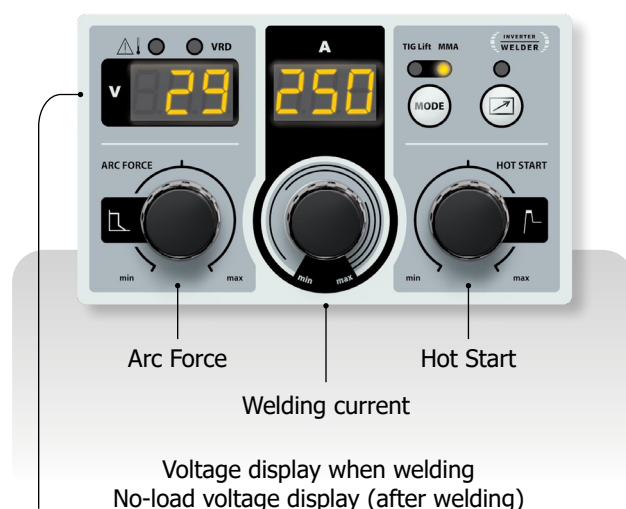
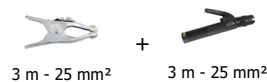
STURDY

- Reinforced structure.
- IP 23 classification for outside use.

ACCESSORIES (options)



Delivered with



RC-HA1 - 8 m
Remote control
045675

50/60 Hz	A	3 m	I ₂ MMA A	I ₂ TIG A	INTEGRATED TECHNOLOGY							MMA			TIG			U ₀ V	cm	kg	IP	Protected & compatible power generator (+/-15%)					
					HS	AF	TIG Lift	SR	AD	CEL	Alu	EN 60974-1 (40°C)			EN 60974-1 (40°C)												
												IA (60%)	X% (I ₂ max)	100%	IA (60%)	X% (I ₂ max)	100%										
400 V - 3~	20	3 m	20 → 250	20 → 250	▪	▪	▪	▪	▪	▪		210 A	35 %	180 A	230 A	50 %	200 A	82	43 × 24 × 35	15	IP 23	10 kW	12.5 kVA				