

- HIGHLIGHTS
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## SO SMALL, SO POWERFUL, SO FLEXIBLE

- **All these benefits – thanks to the latest inverter technology!**

Light weight and compact construction for effortless movement with practical carrying strap, e.g. on steps, ladders, in steel structures and on scaffolding, high duty cycle - 115A/100% ED (20°C) - for continuous work plus excellent ignition and welding properties..

- **On tough site work - play to your strengths!**

Safe welding operation with long mains supply leads thanks to especially large mains voltage tolerance (-40% to +15%), robust metal housing, protection classification IP23 – for open air tasks, mains connection voltage 230 V, S -symbol and securely arranged operating elements.



## ONLY THE DIMENSIONS ARE SMALL!

- **The PICO series makes you versatile!**

MMA and TIG welding with liftarc (contact ignition). Functions which give MMA welding that perfect touch: arcforcing (guarantees excellent welding properties), hotstart and high open-circuit voltage (for safe arc ignition), antistick (prevents burn-out of electrode).

- **PICO 160 RC: Professional welding of rutil-cellulose electrodes!**

Very good welding properties, including with RC stick electrodes. Welding current is substantial higher e.g. TIG-welding 160A/35% ED (20°C)

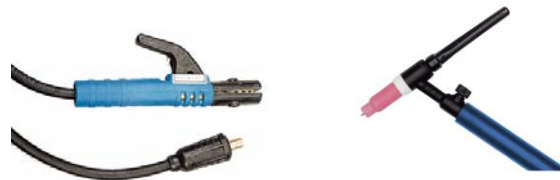




PICO 160

PICO 160 RC

### MMA electrode holder / TIG welding torch



TIG welding torch, gas-cooled,  
with rotating gas valve



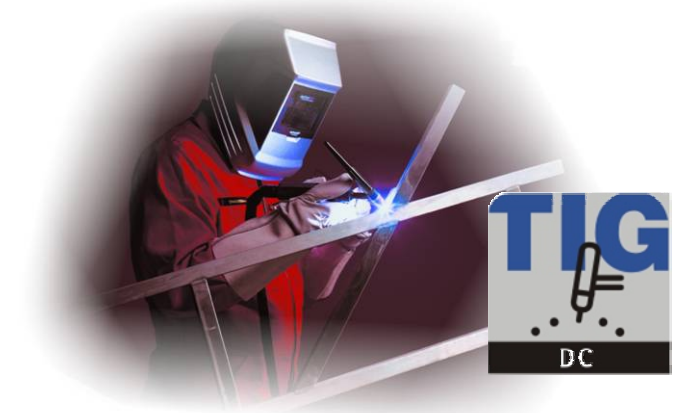
## Applications

- **Metal-processing trade:**  
Manufacturing, installation and repair of handrails, gates, window grills, stairs, fences a.o. in workshops and on site

## Materials

### Coated electrodes:

- **PICO 160:**  
Rutile (R), rutile/basic (RB),  
basic (B)
- **PICO 160 RC:**  
Rutile (R) , rutile/basic (RB),  
basic (B), rutile cellulose (RC)
- **Unalloyed, low-alloy and high-alloy steels,  
Nickel, copper and aluminium alloys**



## Function specification

### Rotary dial

- Main current [AMP]

### Message displays (LED)


- Excess temperature
- Unit operational

### Toggle switch for

- Welding process MMA/TIG



### TECHNICAL DATA

PICO series	PiCO <sup>®</sup> 160	PiCO <sup>®</sup> 160 RC
Setting range (infinitely variable)		
Welding current/-voltage	Electrode	5 A/20 V - 150 A/26 V
	TIG	5 A/10 V - 160 A/16,4 V
Duty cycle at 40° C	Electrode	150 A/35% ED; 100 A/100% ED
	TIG	160 A/25% ED; 100 A/100% ED
Duty cycle at 20° C	Electrode	150 A/50% ED; 115 A/100% ED
	TIG	160 A/35% ED; 115 A/100% ED
Open-circuit voltage	97 V	
Mains voltage (50/60Hz)/tolerance	1 x 230 V/-40% - +15%	
	1 x 240 V/-40% - +10%	
Maximum power consumption	6 kVA	
Recommended generator power	8,1 kVA	
Mains fuse	1 x 16 A	
Efficiency/cos $\varphi$	88%/0,99	
Protection classification/isolation class	IP23/F	
Dimensions (L x W x H) mm approx.	335 x 110 x 220	385 x 110 x 220
Weight approx.	4,6 kg	5,9 kg
Built to (standard)	IEC 60974, EN 60974, EN 50199,  -symbol, CE	