

PROTIG NG S

Ergonomic handle with button (EB)

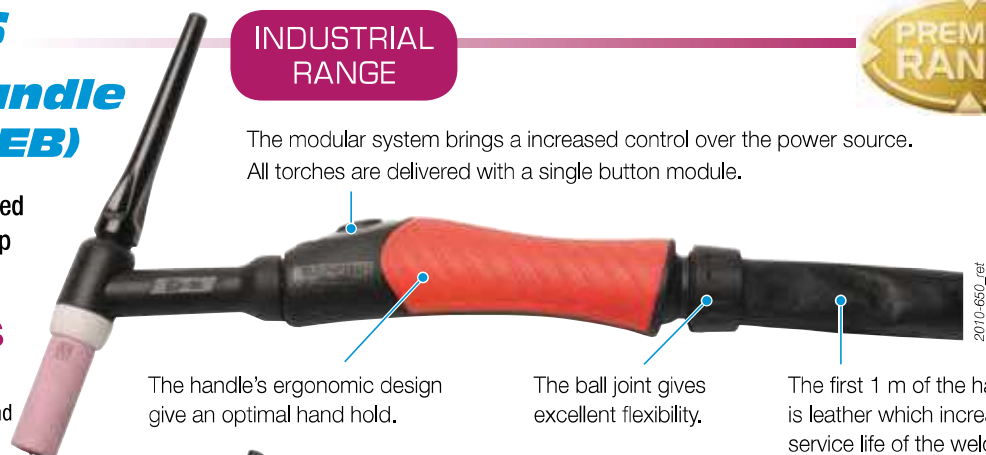
The best TIG torches with an advanced ergo-design, using a colored soft grip for a maximum welder comfort.

FEATURES & BENEFITS

- Leather sheath built on ball joint.
- Numerous options as directable head and trigger button.
- Saf-fro patented wear parts.

INDUSTRIAL RANGE

The modular system brings a increased control over the power source. All torches are delivered with a single button module.



The handle's ergonomic design give an optimal hand hold.

The ball joint gives excellent flexibility.

The first 1 m of the harness is leather which increases the service life of the welding hose.

PROTIG III S

Round handle with blade trigger (RL)

These classic round handled TIG torches have been designed to meet all welding expectations in all positions.

FEATURES & BENEFITS

- Made in France.
- Neopren sheath.
- Metal directable blade trigger.
- Saf-fro patented wear parts.



Connectors

Air cooled



Water cooled



Air cooled

MODEL	10	20	30	40
Duty cycle 35%	125 A	150 A	200 A	250 A
Duty cycle 60%	80 A	100 A	130 A	200 A
Fitted as standard				
back cap	long	long	long	long
nozzle	Ø 10 mm	Ø 10 mm	Ø 12 mm	Ø 12 mm
electrode	Ø 1.6 mm	Ø 2.0 mm	Ø 2.4 mm	Ø 2.4 mm

Item number in length 5 meters*:

PROTIG NG S (EB-C5B/S)	W000278394-2	W000278396-2	W000278398-2	W000278400-2
PROTIG III S (RL-C5B/S)	W000382715-2	W000382717-5	W000382719-2	W000382721-2

Water cooled

MODEL	10 W	35 W	40 W
Duty cycle 100%	220 A	350 A	450 A
Fitted as standard			
back cap	long	long	long
nozzle	Ø 12 mm	Ø 15 mm	Ø 14 mm
electrode	Ø 2.4 mm	Ø 4.0 mm	Ø 4.8 mm

Item number in length 5 meters*:

PROTIG NG S (EB-C5B/S)	W000278402-2	W000278404-2	W000278406-2
PROTIG III S (RL-C5B/S)	W000382723-2	W000382725-2	W000382727-2

* Available in 8 m (see general catalog)

Other buttons	Item number	
	4.7 Kohm	10 Kohm
1 Horizontal command	W000279370	WP10529-3
2 Vertical command	W000279246	WP10529-4
3 3 buttons module	WP10529-2	-
4 Blade	W000279245	-

Other buttons



Wear parts box

A complete kit for all applications. The kit includes electrode collets, nozzles, back caps and collet body.



Designation	Item number
Torch 10/10W	W000306441
Torch 20	W000306442
Torch 30	W000306443
Torch 40/35W	W000306444
Torch 40W	W000306445

TIG TORCHES

SAFERO

WTT2

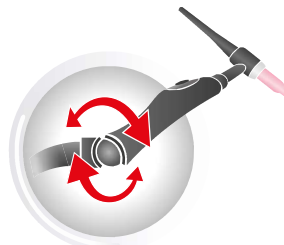
STANDARD RANGE

Simple and reliable, this range is adapted to the most common applications.

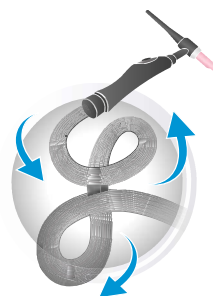


Standardised wear parts.

Handle, made with high temperature silicon rubber.



Easy pivoting handle (for EB handles).



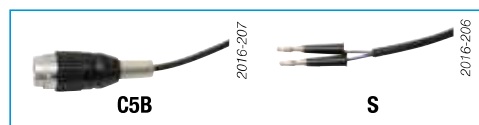
Extra-flexible high performance cable.



New connector :

Shaped cable output for a better robustness.

Connections



Air cooling

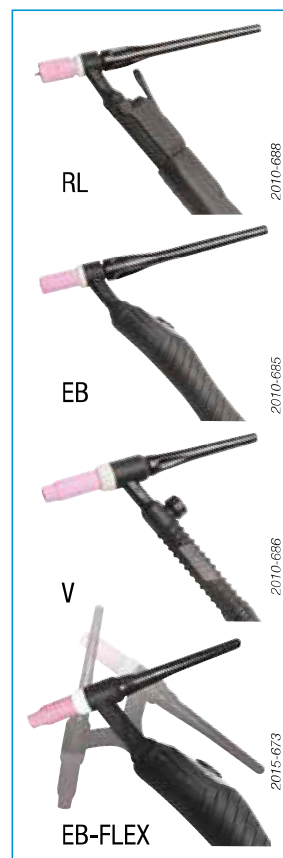
MODEL			WTT2 9	WTT2 17	WTT2 26	
Duty cycle at 40 °C	60%		80 A	100 A	130 A	
	35%		110 A	135 A	180 A	
Original equipment	back cap		Long			
	nozzle		Ø 10 mm		Ø 12 mm	
	electrode		Ø 1.6 mm	Ø 2.0 mm	Ø 2.4 mm	
Length *			4 m			
Handle	RL	Connection	S	W000278878	W000278883	W000278888
			C5B	W000278879	W000278884	W000278890
	EB		S	W000278877	W000278881	W000278886
			C5B	W000278875	W000278882	W000278887
	V		V (Conn. 9 mm)	W000278876	W000278880	-
			V (Conn. 13 mm)	-	W10529-17-4V	W000278885
	EB-FLEX		C5B/S	W000382781	W000382782	W000382784

Water cooling

MODEL			WTT2 20 W	WTT2 18 W	
Duty cycle at 40 °C		100%	200 A	320 A	
		60%	250 A	350 A	
Original equipment		back cap	Long		
		nozzle	Ø 12 mm		
		electrode	Ø 2.4 mm		
Length *			4 m		
Handle	RL	Connection	S	W000278893	W000278897
			C5B	W000278894	W000278898
	EB		S	W000278891	W000278895
			C5B	W000278892	W000278896
	EB-FLEX		C5B/S	W000382786	W000382788
				W000382786	W000382788

* Available in 8 m (see general catalog)

Handle



Wear parts box

For an easier maintenance of the WTT2 torches, two boxes are available.



Designation	Item number
Kit WTT2 9/9V/20W	W000371535
Kit WTT2 17/26/18W	W000371536

Tungsten electrodes WP - WC 20 - WL 20 - WS 20

150 mm length (except for WS 2 175 mm).

Ø mm	WP Pure tungsten AC current	WL15 Lanthanum 1.5% AC and DC current	WCe 20 Cerium 2% DC current	WLa 20 Lanthanum 2% AC and DC current	WS 2 Rare earths 2% AC and DC current
1.0	W000010009	W000402632	W000010022	W000010373	W000335166
1.6	W000010010	W000402663	W000010023	W000010016	W000335167
2.0	W000010011	W000402664	W000010024	W000010017	W000335168
2.4	W000010012	W000402665	W000010025	W000010018	W000335169
3.0	W000010013	W000402666	W000010026	W000010019	W000335170
3.2	W000010014	W000402667	W000335150	W000010020	W000335171
4.0	W000010015	W000402668	W000010028	W000010021	W000335172

Available in other lengths and types (see general catalog)



TIG SHARP

Portable electric tool for tungsten electrodes sharpening. All you need to sharpen your tungsten electrodes delivered in a practical metal case, for an accurate action and an incredible result (perfect grind, very precise grinding angle, longitudinal sharpening, precise and symmetrical angle).

- Voltage: 220-230 V.
- Power: 400 W.
- Amperage: 1.8 A.
- Disk speed: 30.000 rpm.

FEATURES & BENEFITS

- Standard blue head for the electrodes diameter 1.6 / 2.0 / 2.4 / 3.2 mm.
- Nozzle connectable on a vacuum cleaner for extraction of tungsten dusts.

W000011035



OPTICLEAN II

New inverter-technology installation for cleaning, polishing and marking of stainless steel.

Advantages :

- **Aesthetic:** no stains on the steel after cleaning.
- **Ecological:** no need to wear gloves or protective masks with the neutral solution. Large outdoor areas are not required: no toxic vapor emissions, no need for water treatment plant.
- **Economic:** no passivation after cleaning.
- **Gain of productivity:** no need to dip the pump into the liquid and to interrupt the operation several times. Improvement of the quickness while increasing current. Efficiency increased with the carbon blush.

OPTICLEAN II machine - W000382322
Marking Kit - W000271936



Technical data:

	OPTICLEAN II
Primary Voltage	230 V - 1 ph
Frequency	50/60 Hz
Capacit	450 W
Electrode Voltage	10/30 V AC/DC
Isolation Class	IP 23
Noise level	< 10 dB (A)
Machine weight (empty)	7 kg
Machine dimensions	300 x 230 x 240 mm

Wear part box for TIG torch



PROTIG III S / PROTIG NG S

Designation	Item number
Torch 10/10W	W000306441
Torch 20	W000306442
Torch 30	W000306443
Torch 40/35W	W000306444
Torch 40W	W000306445

WTT2

Designation	Item number
Kit WTT2 9/9V/20W	W000371535
Kit WTT2 17/26/18W	W000371536