



WELD THE WORLD

Discovery 172 T



Discovery 172 T

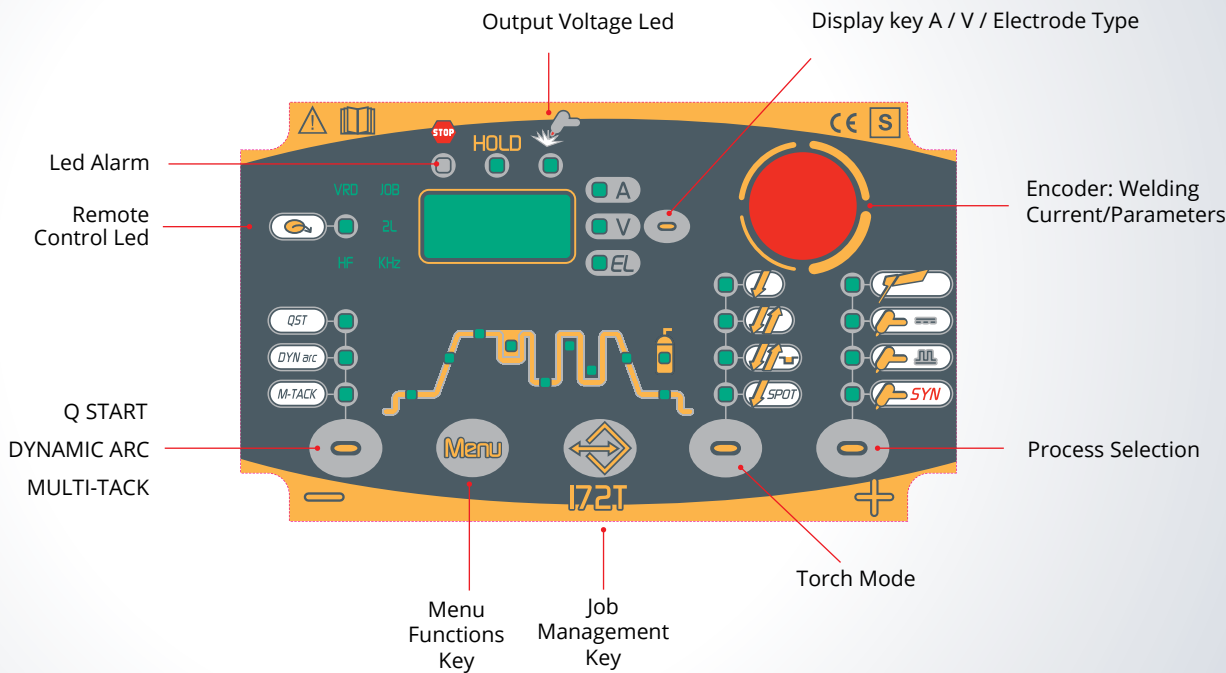
TIG DC HF - MMA

Discovery 172 T

Special Functions



Discovery 172 T is an innovative Single-Phase Inverter Power Source for TIG DC.
Discovery 172 T is specifically designed for high definition construction, petrol/chemical plants, food& beverage industry and shipyards.
 Remote controls are available for torch (UP&DOWN, potentiometer), foot pedal or remote control unit. 50 programs in memory.



Discovery 172 T						
	1x230Vac ± 15% @50-60Hz					
	16A					
	TIG - WIG			MMA - E-Hand		
% _{40°C}	40%	60%	100%	50%	60%	100%
•I ₂	170A	150A	130A	150A	130A	120A
I ₂	5A – 170A			10A – 150A		
U _o	53V					
P _{I MAX}	6,1kVA – 4,5kW					
IP	23S					
	400 x 160 x 260mm					
	8,6Kg					

TECHNOLOGY

PROCESSES

SPECIAL FUNCTIONS

MATERIALS

INDUSTRIES



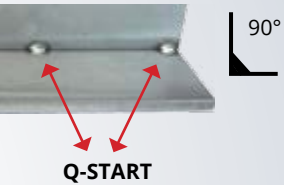
The pulse TIG with frequency up to 2500Hz allows the operator to weld very thin materials with easy arc control and very low heat input on workpiece.



Pre-set balanced parameters, stored in the Synergic Pulse TIG DC SYN curve, help to simplify Pulsed welding process. The Pulse is altered automatically when the welding current is adjusted.



The **Q-START** (Quick start) function facilitates the joining of the parts in the initial stage of the welding process. On activating this function the machine automatically switches to Synergic pulsed mode for a preset time.



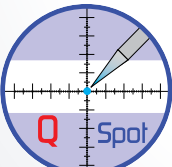
The **DYNAMIC ARC** function makes it possible to keep the pre-set Voltage x Current constant. The power source increases the welding current as the arc voltage decreases and reduces the welding current if the arc voltage increases.



Dynamic Arc TIG welding



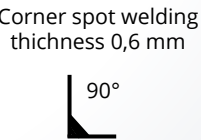
Standard TIG welding



The **Q-SPOT** (Quick Spot) function makes it possible to minimise tacking times for light gauge sheet metal.



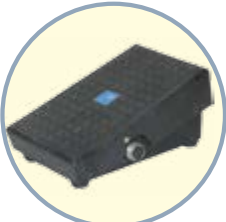
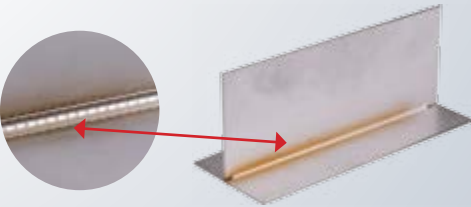
Pipe butt weld
 Ø 31.75 x 2 mm



Corner spot welding
 thickness 0,6 mm



The **MULTITACK** system makes it possible to reduce heat output while joining two light gauge parts.



FOOT PEDAL



UP & DOWN TORCH



REMOTE CONTROL

A solid industrial activity, where the production is based on substantial investments for the supporting of research, projection and continuous testing.

Since 1997 Weco has been producing and selling welding machines.

Both registered office and production plant are based on the north east of Italy. Our offices, technical/project department, production and warehouse are able to serve both our national and international sales net. A wide range of welding machines together with a huge stock, allow us to encounter and fully satisfy our customers' requests in short time.

A dynamic management supported by solid experience on the main sales' arguments and a deep knowledge on the application issues, allow this company to be ahead in the welding sector.

WECO means better solution for improving the production, optimizing the intervention time, minimizing the processes' costs, with the highest perform-standards granted.



WELD THE WORLD

WECO srl
Via S. Antonio 22 - Loc. Belvedere
36050 Tezze sul Brenta (Vicenza) - Italy
Tel +39 0424 561 943 - fax +39 0424 561 944
www.weco.it

Dealer