

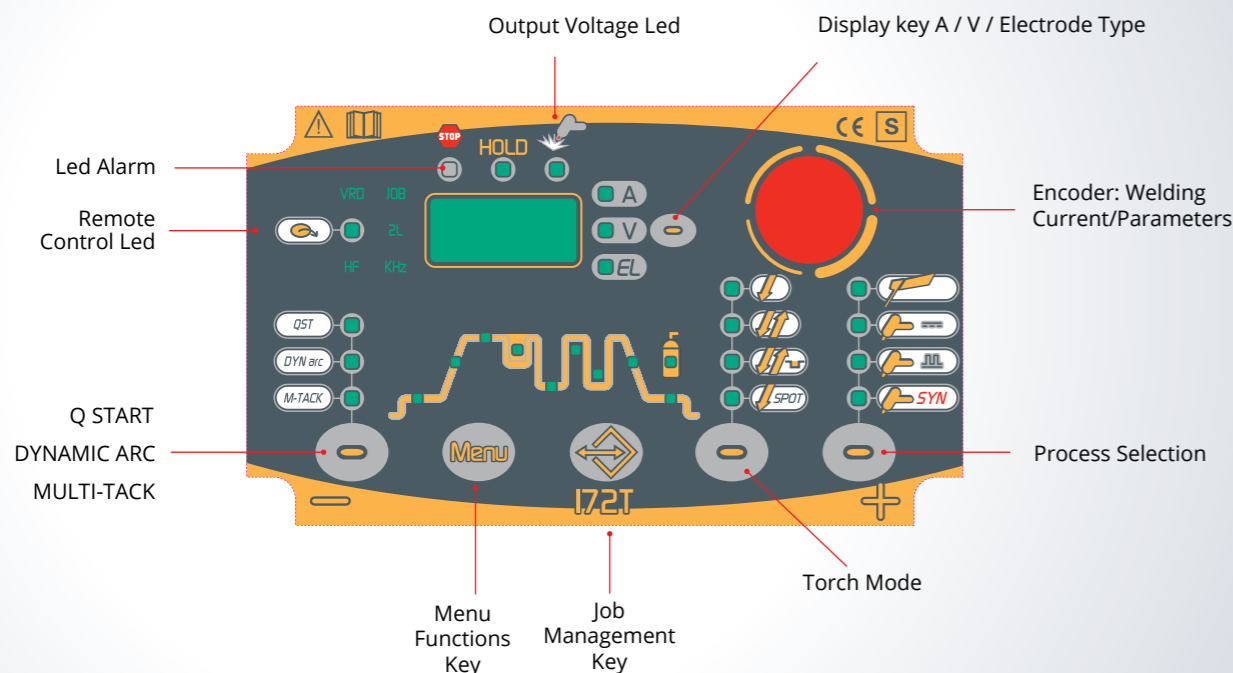


WELD THE WORLD

Discovery 172 T




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		
$\%_{40^{\circ}\text{C}}$	40%	60%	100%	50%	60%	100%
$-I_2$	170A	150A	130A	150A	130A	120A
I_2	5A - 170A			10A - 150A		
U_0	53V					
P_{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.




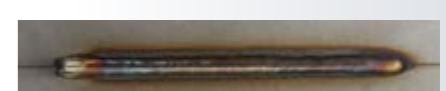

Pre-set balanced parameters, stored in the Synergic Pulse TIG DC SYN curve, help to simplify Pulsed welding process. The Pulse is altered automatically when the welding current is adjusted.




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.

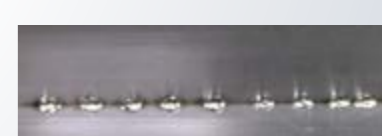
The **DYNAMIC ARC** function makes it possible to keep the pre-set Voltage x Current constant. The power source increases the welding current as the arc voltage decreases and reduces the welding current if the arc voltage increases.


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



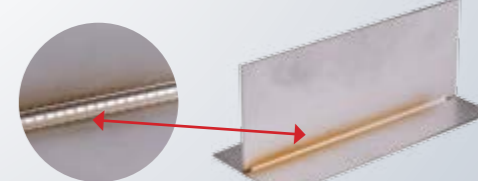
Pipe butt weld
Ø 31.75 x 2 mm



Corner spot welding
thickness 0,6 mm



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



ACCESSORIES



FOOT PEDAL



UP & DOWN TORCH



REMOTE CONTROL