



Discovery 171T MAX is an innovative Inverter Power Source for TIG DC and MMA welding with excellent arc characteristics.

Discovery 171T MAX main applications are: maintenance, food industry, hydraulics, piping and chemical plants.

In TIG DC welding, **Weco Q-Start** function simplifies and speeds up **Tack-welding** in any conditions.

Heat input and deformations are no longer barriers thanks to **Multi-Tack system**. It minimizes heat impact on welding material and guarantees high quality joints. Pre-set balanced parameters, stored in the **Synergic Pulse TIG DC SYN** curve, simplify Pulsed welding by **adjusting only welding current**.

Weco **Special HF control** provides 100% rapid and precise arc ignition.

Friendly-user digital interface allows precise parameters setting.

TIG DC standard functions include **Pre Gas, Post Gas, Up Slope, Down Slope, Start Current, Final Current**.

A wide range of adjustable **pulse frequency** together with extra parameters control (Base Current and Duty Cycle) allow operating in slow pulse and fast pulse.

Trigger control sets **2T/4T/Bi-Level** and **Spot Welding**.

In MMA welding, factory optimized **Hot Start, Arc Force** and **Anti Sticking** facilitate operations with **up to 3.25mm** diameter electrode.

- **Handle** and **Shoulder Strap** for easy carrying
- **Microprocessor** controls real time welding parameters
- **Slow Pulse TIG DC** for thicker plate and welding with TIG rod
- **Fast Pulse TIG DC**: focused arc, thinner welding material and lower deformations
- **Remote Control** applicable

Processes:	TIG DC - MMA
CE Directives:	2002/95/CE, 2004/108/CE, 2006/95/CE
CE Standards:	EN 60974-1, EN 60974-10



Q-START

- Fast Tack welding
- Time and Money Saving



MULTITACK

- Heat Input Control
- Lower deformations

TECHNICAL DATA

	1x230Vac ± 15% @ 50-60Hz					
	16A					
	TIG			MMA		
$\%_{0\ 40^{\circ}\text{C}}$	40%	-	100%	50%	-	100%
I_2	170A	-	120A	150A	-	120A
I_2	5A - 170A			5A - 150A		
U_0	65V					
$\text{P}_{1\ \text{MAX}}$	6,10kVA - 4,5KW					
IP	23S					
	400 x 160 x 260 mm					
	10,0Kg					

	REFERENCE
Discovery 171T MAX	001.0026.0000
OVERCUT (Generator Protection)	006.0002.0040
Electrode Holder 35mm ² L=4m	006.0002.0028
Earth Cable 35mm ² L=4m	006.0002.0003
Torch SINTIG 26 AIR L=4m	006.0005.0004
Torch SINTIG 26 RC POT AIR L=4m (*)	006.0005.0008
Remote control RC03	006.0003.0120
Cable RC03 L=5m	022.0002.0166
Cable RC03 L=10m	022.0002.0167
Cable RC03 L=15m	022.0002.0168
Foot Pedal RC02	006.0003.0102
Cable RC02 L=5m	022.0003.0105
Cable RC02 L=10m	022.0003.0106
Cable RC02 L=15m	022.0003.0107
MANOMETER	006.0002.0011
FLOWMETER	006.0002.0005
(*) Adapter A2	022.0002.0069
Suggested composition:	
Discovery 171T MAX	
Earth Cable 35mm ² L=4m	
Torch SINTIG 26 AIR L=4m	
FLOWMETER	