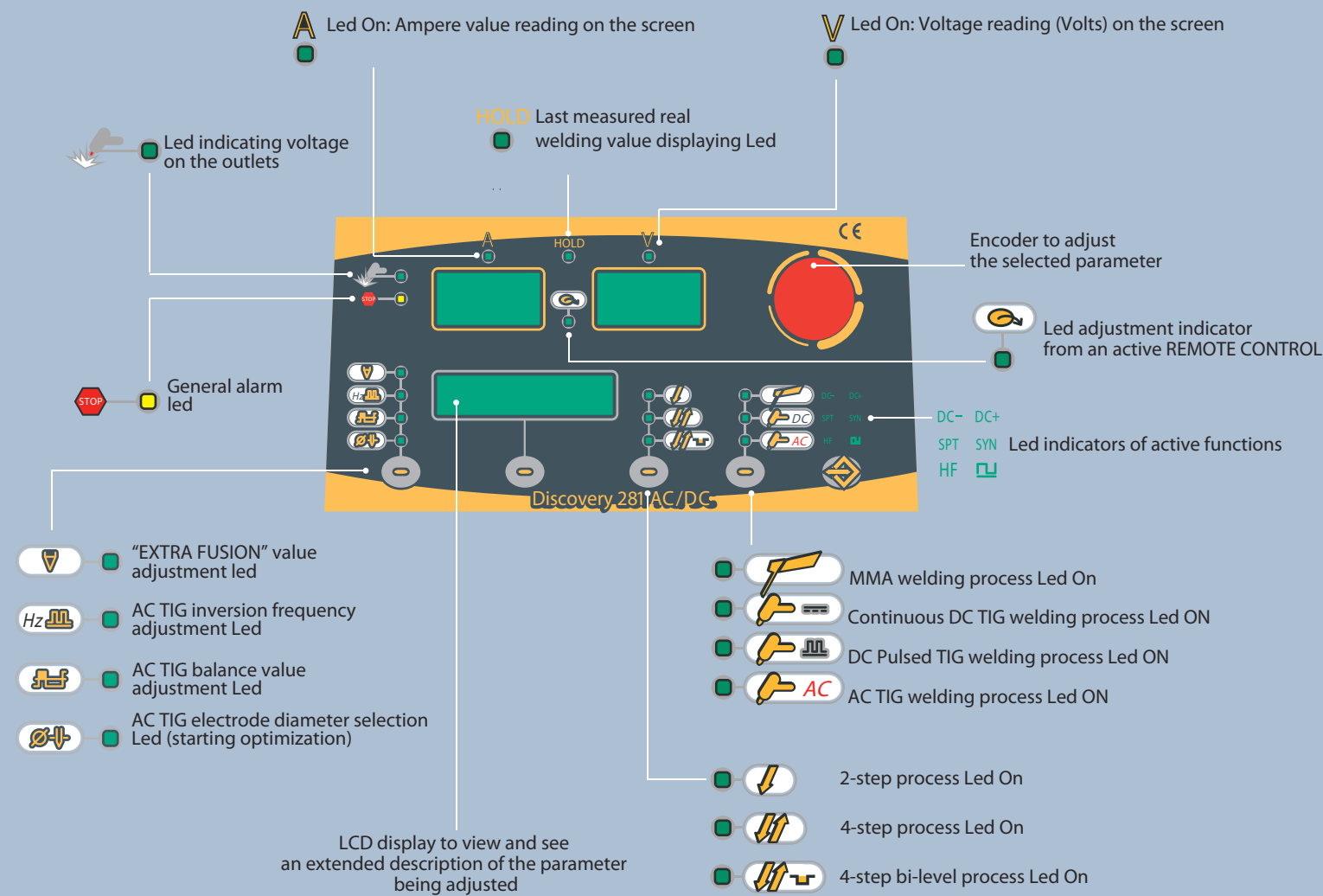




AC/DC BY WECO DISCOVERY 281

Control panel

Technical data



POWER SOURCE TECHNICAL DATA						
Mains voltage 	3x400V~ ± 15% / 50-60Hz					
Mains protection 	25A DELAYED					
Welding modes	MMA			TIG		
Working cycle (40°C)	40%	60%	100%	35%	60%	100%
Welding current	250A	210A	180A	280A	230A	200A
Working voltage	30,0V	28,4V	27,2V	21,2V	19,2V	18,0V
Maximum input power	12,7KVA	10,7KVA	9,2KVA	10,9KVA	8,9KVA	7,6KVA
Maximum input power	18,4A	15,5A	13,3A	15,8A	12,9A	11,0A
Max. supply current requirement	11,6A	12,0A	13,3A	9,3A	10,0A	11,0A
Open circuit voltage	78V			11V		
Insulation class	H					
Protection rating	IP 23					
Cooling system	AF					
Construction regulations	EN 60974-1 / EN 50199					
Power source size (L x D x H)	290 x 670 x 460mm					
Power source weight	40,5Kg					
TECHNICAL DATA OF C.U.04 COOLING UNIT						
Mains voltage	1x400V~ ± 15% / 50-60Hz					
Mains protection	0,8A					
Cooling power	0,38KW					
Maximum pressure	0,32MPa					
Reservoir capacity	3,7l					
Protection rating	IP23					
Construction regulations	EN 60974-2					
Cooling unit size (L x D x H)	290 x 720 x 235mm					
Cooling unit weight	20,8Kg					



DISCOVERY 281AC/DC

Accessories



Electrode kit (35 mm²)
Code: 006.0002.0002



Earth cable (35mm²)
Code: 006.0002.0003



Remote control RC01

L=5m Code: 006.0003.0005
L=10m Code: 006.0003.0010
L=20m Code: 006.0003.0020



Foot pedal RC02
L=5m Code: 006.0003.0105
L=10m Code: 006.0003.0110



Argon pressure reducer
Code: 006.0002.0005



Gas pipe-fitting Kit
Code: 021.0000.0001



Trolley mod.C
Code: 004.0000.0003

Cooling unit CU04
Code: 003.0000.0031



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DISCOVERY 281 AC/DC - DISCOVERY 281 AC/DC

Full optional for perfect welding

DESIGNED TO ASSIST QUALITY

- Impeccable arc ignition
- Maximum arc stability and precision during welding
- High welding speed
- Maximum quality of the welding carried out
- High penetration
- Arc optimization for all uses
- Maximum reduction of thermal material
- Reduction of base material deformations
- Maximum noise reduction during welding

NUMEROUS FIELDS OF USE

- Precision welding
- Light alloy structures
- Aerospace constructions
- Food industry
- Bicycle and automotive industry
- Cars industry
- Heat exchangers
- Quality welding
- Hydraulics and Pipe welding
- Mould surfacing
- Maintenance and servicing

RELIABLE AND SAFE AS TIME PASSES

- High thermal cycle
- IP 23 Insulation class
- Electromagnetic compatibility
- High shock resistance
- Structurally solid and ergonomic
- Trolley for the power source with front castor wheels
- Easy and fast assembly and starting up

ITALIAN DESIGN AND TECHNOLOGY

- Innovative and functional design
- Last generation inverter
- Completely made in Italy
- Total quality guarantee
- Conceived for even the most demanding welder

FULL OPTIONAL

- New and innovative functions
- Synergic DC PULSED TIG mode
- Choice of the diameter of the tungsten electrode to optimize AC TIG starting
- EXTRA FUSION function to increase penetration, precision and control rounding of the electrode tip
- Pulse AC TIG to reduce thermal material to the utmost
- AC/DC mix to increase speed in performance
- Choice of the AC wave shape to optimize arc quality to the utmost
- TIG torch with UP & DOWN adjustment for more comfortable welding
- Welding parameter storage to personalize and repeat procedures
- Polarity change selection of the MMA outlets

SOPHISTICATED BUT SIMPLE

- Easily accessible control panel
- Parameters managed by a microprocessor
- Very few setting operations
- Adjustment time reduced to a minimum
- Clear and well visible LCD display
- Language selection of the display to better understand the functions



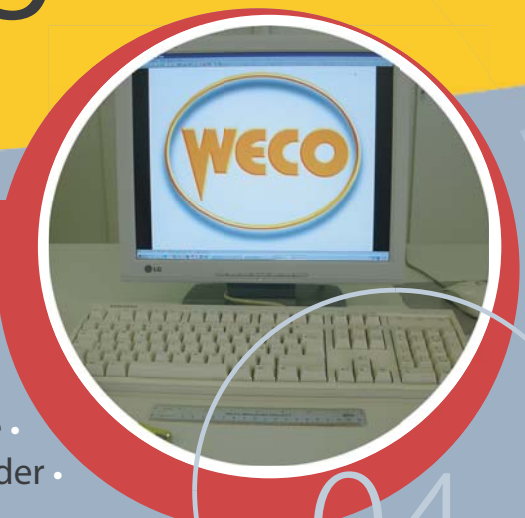
01



02



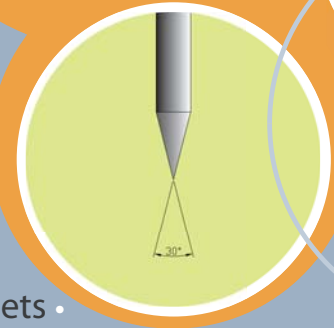
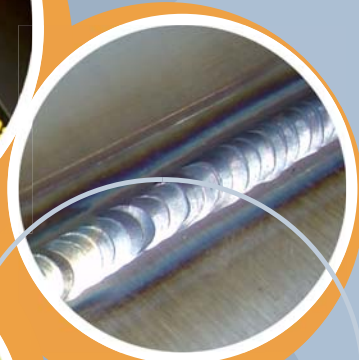
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04



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06