

# MF BY WECO DISCOVERY 161

## Control panel



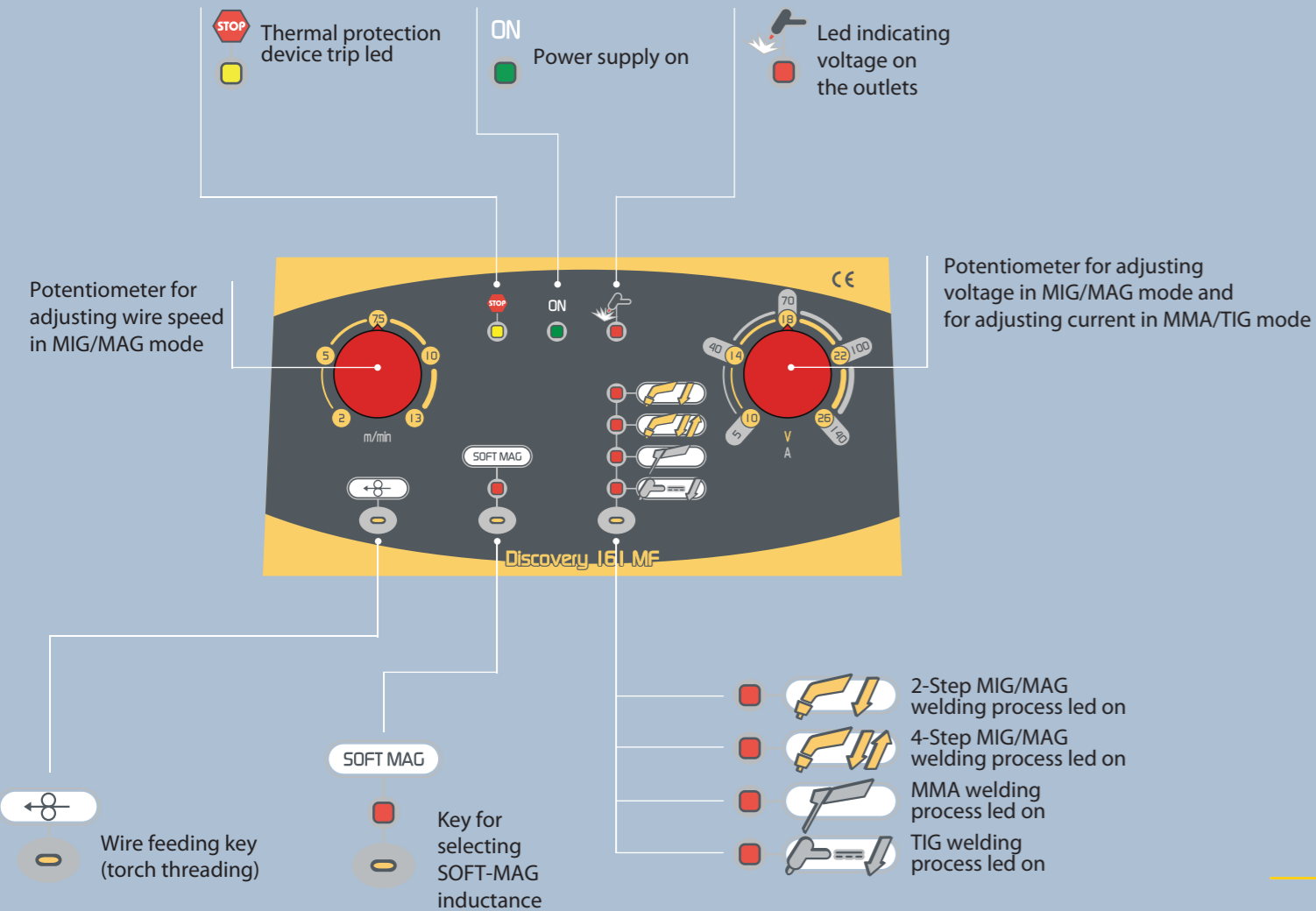
## Technical data



WELD THE WORLD

# DISCOVERY 161MF

Mains voltage	1x230V~ ± 15% / 50-60Hz								
Mains protection	16A DELAYED								
Welding modes	MIG			MMA			TIG		
Working cycle (40°C)	30%	60%	100%	35%	60%	100%	40%	60%	100%
Working current	160A	120A	100A	140A	120A	100A	140A	130A	110A
Working voltage	22,0V	20,0V	19,0V	25,6V	24,8V	24,0V	15,6V	15,2V	14,4V
Maximum input power	5,5KVA	3,7KVA	3,0KVA	5,4KVA	4,6KVA	3,7KVA	3,6KVA	3,2KVA	2,6KVA
Maximum supply current	24,0A	16,1A	13,0A	23,5A	20,0A	16,0A	15,7A	13,9A	11,3A
Max. effective supply current	13,1A	12,5A	13,0A	13,9A	15,5A	16,0A	9,9A	10,8A	11,3A
Open circuit voltage	10V			91V			10V		
Insulation class	H								
Protection rating	IP 23								
Cooling system	AF								
Construction standards	EN 60974-1 / EN 50199								
Power source size (L x D x H)	230 x 460 x 325 mm								
Power source weight	12,6kg								



## Accessories



Accessories kit 16mm<sup>2</sup> + MASK  
Code: 006.0002.0001



Ergotig 17 TIG torch - L=4mt connection euros  
Code: 006.0005.0005



Ergoplus15 MIG torch - L=3mt  
Code: 006.0008.0002



Argon pressure reducer  
Code: 006.0002.0005

Argon CO<sub>2</sub> pressure reducer  
Code: 006.0002.0011



Earth cable (25 mm<sup>2</sup>)  
Code: 006.0002.0015



Roll feed unit  
Roll 0,6/0,8mm ø D=40 d=22 Vshape  
code: 002.0000.0106

Roll 0,8/1,0mm ø 40x10/D22 Vshape  
code: 002.0000.0109



Gas pipe-fitting kit  
Code: 021.0000.0001



TROLLEY 02  
Code: 006.0002.0014



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



# DISCOVERY 161MF - BY WECO - DISCOVERY 161

*When welding becomes easy and funny*

## ALWAYS PERFECT WELDING

- Excellent arc in Mig-Mag mode
- Excellent beads
- No spatters during the welding process
- Wire cutting at the end of the welding process
- Always optimum arc start
- Possible polarity change
- Welding using self-shielding wires
- Results in Mig-brazing among the highest in the category
- Excellent welding of aluminium

## VERSATILE

- Light carpentry
- Maintenance and servicing
- Naval shipbuilding industry
- Used in car-body shops
- Electro-mechanical assembly
- Agricultural machine servicing
- Air conditioning plants
- Hobby work
- Hydraulics
- Arts
- Pipe welding
- Window and door frames
- Precision welding

## RELIABLE AND SAFE AS TIME PASSES

- High thermal cycle
- IP23 Insulation class
- Electromagnetic compatibility
- Resistance to shocks
- Structurally ergonomic and resistant

## ITALIAN DESIGN AND TECHNOLOGY

- Innovative and functional design
- Latest generation inverter
- Completely made in Italy
- Total quality guarantee
- Carefully followed development

## EASY-TO-USE

- Multifunction MIG/TIG/MMA
- Compact
- Light - only 12Kilos

## SUITABLE FOR ANY KIND OF USER

- Easily accessible control panel
- Parameters managed by a microprocessor
- Optimization of the welding processes
- Simplification of the functionalities

