

3 - MIG/MAG welding

Industrial High Tech equipment (Inverter technology)

DIGIWAVE - A user-friendly high level performance DIGIWAVE makes the ideal partner for all manual, automatic and robotic welding applications. The wide graphic screen allows the operator to navigate easily around the menu bar for parameter adjusting.

DIGIWAVE range the decisive advantages:

- **Control of aluminium welding:** special equipments, adapted processes (SM: Spray Modal™), essential options for demanding applications (reduction of micro porosity and increased penetration).
- **Regulation and numerical controls:** total control of wave form alignment for process improvement and for exact parameter reproduction.
- **Increased power (Voltage/Current):** increase the arc rigidity with pulsed mode, which improves penetration and allow a good fusion with usually "hard-to-weld" wires.
- **More processes:** Soft current, Pulsed, SSA, SSP, SM, CDP, MIG brazing, MMA, and PR Spray.
- **More memory:** 115 welding synergies on DIGIWAVE 280 and 153 on DIGIWAVE 400/450W are available for all welding applications. These machines also include 100 programme memory selected via the wire feeder, remote control or DIGITORCH E range.
- **More controls:** parameters monitoring, indication of the defects, parameters blocking on several levels, printing, 99 programs, calibration...
- **More cycles:** 2T/ 4T/ Spot weld/Cold Double Pulse current (CDP).
- **More options:** wide range for improved welding operations and applications.
- **Advanced torch "DIGITAL".**

DIGIWAVE 280 (with enclosed wire feeder)

DIGIWAVE 280
Cat. No. **W000055011** is delivered with:

- 1 power source,
- With enclosed wire feeder,
- 5 m primary cable,
- 5 m earth cable and clamp with DINSE connector,
- 2 m fitted gas hose,
- Accessory kit for solid wires 1.0 – 1.2 mm.



WARRANTY
YEARS

DIGIWAVE 400 SW

DIGIWAVE 400 SW
Cat. No. **W000055015** is delivered with:

- 1 power source,
- 5 m primary cable,
- 5 m earth cable and clamp with DINSE connector,
- Enclosed water cooling unit.



WARRANTY
YEARS

	DIGIWAVE 280	DIGIWAVE 400	DIGIWAVE 500
Power supply (+/- 10%)	400 V - Three phase - 50/60 Hz		
Primary effective consumption	21.4 A	29.8 A	38.9 A
Primary consumption at I max.	31.4 A	34.5 A	45.2 A
No-load voltage	113 V	113 V	113 V
Welding current	20 A - 280 A	20 - 400 A	20 - 500 A
Duty cycle	45%	-	-
10 min. cycle	60%	-	500 A
(at 40 °C)	100%	280 A	440 A
Inductance	Electronic	Electronic	Electronic
Number of rollers	4	4	4
Reverse polarity (gasless)	Yes	Yes	Yes
Digital display	Yes	Yes	Yes
Dimensions (L x W x H)	845 x 380 x 855 mm	845 x 380 x 855 mm	845 x 380 x 855 mm
Weight	76 kg	91 kg	91 kg
Protection index	IP 23 S		
Protection class	H		
Standard	EN 60974-1 / EN 60 974-10		

DIGIWAVE 500 SW

DIGIWAVE 500 SW

Cat. No. **W000055020**

is delivered with:

- 1 power source,
- 5 m primary cable,
- 5 m earth cable and clamp with DINSE connector,
- Enclosed water cooling unit.



To order		DIGIWAVE 280	DIGIWAVE 400 SW	DIGIWAVE 500 SW
Power source		W000055011	W000055015	W000055020
Add ons				
DV 500 CDR wire feeder		W000055083	-	•
Harness for steel & stainless steel	2 m	W000055091	-	•
	5 m	W000055092	-	•
	10 m	W000055093	-	•
	15 m	W000055094	-	•
Harness for aluminium	2 m	W000055095	-	•
	10 m	W000055096	-	•
	15 m	W000055097	-	•
	25 m	W000055098	-	•
Antifreeze cooling liquid FREEZCOOL		W000010167	-	•
PROMIG NG 241 torch	3 m	W000345060	•	-
	4 m	W000345061	•	-
PROMIG NG 341 torch	3 m	W000345066	•	-
	4 m	W000345067	•	-
PROMIG NG 341W torch	3 m	W000345069	-	•
	4 m	W000345070	-	•
PROMIG NG 441W torch	3 m	W000345075	-	•
	4 m	W000345076	-	•
DIGITORCH	E 241 - 4 m	W000345006	•	-
	E 341 - 4 m	W000345011	•	-
	E 341W - 4 m	W000345008	-	•
	E 441W - 4 m	W000345012	-	•
EUROSAF manoflowmeter 40 l/min		W000290248	•	•
Options				
Trolley DIGIWAVE		W000055046	•	•
Pivot stand (requires wire feeder trolley)		W000055048	-	•
Trolley DV 500 CDR wire feeder		W000055050	-	•
Wire feeder suspension support		W000055101	-	•
Remote control RC JOB		W000273134	•	•
Push -pull board		W000055061	-	•
Additional socket DIGIWAVE		W000055040	-	•
Panels filter DIGIWAVE		W000272382	•	•
Push-Pull ALUTORCH DG 441W torch 10 m		W000265067	-	•
Push-Pull DIGITORCH PP 451W	Straight torch 8 m	W000271006	-	•
	Curved 45° torch 8 m	W000267607	-	•
ALUKIT box D37	1.0 / 1.2 mm	W000255648	•	•
	1.2 / 1.6 mm	W000255649	•	•
	1.6 / 2.4 mm	W000255650	-	•
PC tool - Welding data downloading via USB/Ethernet		W000272383	•	•