**Elettro C.F. s.r.l.**
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C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.

# Les détails du produit:

**Code:** S00136 **Modèle:**MMA 1460 CELL



Inverter power source for MMA and TIG welding with contact start; its maximum welding current is 140A and requires a power of 3 kW. It can weld with rutile, basic coated, aluminium and cellulosic electrodes up to 3.2 mm.
Duty cycle is calculated to EN60974-1 and EN50199 standards, hence at a temperature of +40°C and over periods of 10 minutes.
Compact design, low weight and the shoulder strap make the machine suitable for use at construction places, maintenance jobs or, anyhow, to work in places uneasy to access.
The 16A prime fuse allows for feeding from home line, it can be also fed from generators provided that they are equipped with electronic regulation of the tension, their power is at least 6 kVA and tension does not exceed 260V RMS.
Hot Start, Arc Force (adjustable) and Anti-Stick enable even inexperienced welders to do a great job in MMA mode.
Shifting from MMA to TIG mode is automatic when changing from electrode holder to TIG torch.
The lack of Hi-Frequency starts makes it possible to work next to computers, medical equipment, instruments and any other electronic devices sensitive to high frequency emissions. The easy contact start, in TIG mode, avoids dangerous tungsten inclusions into the welding bead.

ADVANTAGES
- Stable arc
- Easy to use
- Microprocessor control of welding
- Current remote control
- Possibility of using 50 meter cables with no significant power losses
- Negligible tungsten inclusion in TIG welding
- Shoulder strap to leave the welders' hands free
- IP23C protection to allow for open-air work
- Automatic shut-off in case of over-heating and automatic re-start
- Forced air cooling through cooling tunnel
- Coated PC-Board to avoid any troubles due to combination of conductive metal powder and humidity and to allow for safe work even in marine environment
- Strong steel body with epoxy, scratch proof, bake oven powder coating
- Plastic front grid
- Light weight

Glossary
HOT START: fast pre-heating of electrodes that takes place when starting the arc; it heats up the electrode to improve its start and make welding easy even for inexperienced welders.
ARC FORCE: microprocessor control of the arc for the best material

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transfer from electrode to welding bead, thus improving the welding bead itself.
ANTI-STICK: microprocessor control of the arc to prevent sticking of the electrode to the welding bead.

**Fiche technique:**

| | |
|---|---|
| Code | S00136 |
| Item | MMA 1460 CELL |
| Input Voltage | 1x230V 50-60Hz |
| Installation power | 3 kW |
| MIN-MAX Welding current | 5 ÷ 140 A |
| Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1 | 35% 140A - 60% 115A |
| Electrodes | Ø 1,6 ÷ 3,2 mm |
| Stepless regulation | ELECTRONIC |
| Protection class | IP23C |
| Insulation class | H |
| Construction standards | EN60974-1 / EN50199 |
| Dimensions | 135x370x260h mm |
| Weight | 7,5 kg |

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**Accessoires:**

| | | | |
|---|---|---|---|
|  | 530330 | *(optional)* | 5 m long cable for remote control |
|  | 535710 | *(optional)* | 4 m, SR 17 V torch, texas D. 25 |
|  | 530149 | *(optional)* | Earth cable |
|  | S01703A.10 | *(optional)* | Accessories kit for electrode welding with 3+2 m cables of 16 mm2, Texas 25 |
|  | 570006 | *(optional)* | Remote control |