

Ref. : 016705

## Gysmi 161 (INVERTER)

Ø 1.6 ► 4mm

Single phase 230V – Direct Current



- Welding unit with Inverter technology piloted by microprocessor,
- The arc dynamic of the product is unique and revolutionary on the market,
- Can be used with all types of electrodes : rutils, basics, stainless steel, cast iron in direct current,
- Very handy, thanks to its small weight (4.1 kg), its highly reduced volume and its very low consumption (plug 16A with AM fuse).



### MMA :

- ✓ Immediate start thanks to its very high no-load voltage
- ✓ Constant welding power
- ✓ Very smooth melting due to the direct current
- ✓ Insensate to supply current fluctuations or to the arc length
- ✓ Very good penetration and perfect arc stability

Réf. 016705



The welding unit presents the following advantages :

- ✓ ARC FORCE : punctual increase of current in difficult welding situation
- ✓ HOT START : increased power at start
- ✓ ANTI STICKING : anti-sticking process

- It is protected when working on generator sets and against supply voltage variations (+/- 15%).

- The product is delivered in a suit-case with its accessories : earth cables and electrode-holder.



Protected & compatible  
Mini : 6 kW (7,5kVA)

















### NORMAL USE 20°C

| Ø                                | 1,6  | 2    | 2,5  | 3,2  | 4   | 5 |
|----------------------------------|------|------|------|------|-----|---|
| I <sub>2</sub> (A)               | 40   | 55   | 80   | 115  | 160 | — |
| X (Gys)                          | 100% | 100% | 100% | 100% | 60% | — |
| # Electrodes<br>1h = .../.../... | 62   | 50   | 47   | 45   | 22  | — |

### Accessories :

- Supply cord
- Earth clamp with 25mm<sup>2</sup> cables and TEXAS 25 connecting plugs
- Electrode-holder with 25mm<sup>2</sup> cables and TEXAS 25 connecting plugs

|  |   |   |   |   |   |   |   |   |   |  |   |   |   |
|--|---|---|---|---|---|---|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50/60 HZ<br>V  | A   | Ø mm  | I <sub>2</sub>  | For normal use  | EN 60974-1 (40°C)<br>I A (60%)   X % (I <sub>2</sub> max)                           | U <sub>0</sub>  | U <sub>0cv</sub><br>START<br>VOLTAGE<br>V   | mm <sup>2</sup><br>cable  | IP  | cm   | kg  | kg  | kg  |
| 230V   | 16  | 1,6>4   | 10A>160A  | 60% @ 160 A   | 85      14  | 75  | 80  | 10/25      25   | 21  | <div><div>38x19x22</div><div>42x17x37</div></div>                                    | 4,2   | 6,3   | 7,8   |

EN 60 974-1

MADE in FRANCE

INVEST IN THE FUTURE

Email : [contact@gys.fr](mailto:contact@gys.fr)

[www.gys.fr](http://www.gys.fr)