

**GMF 5KA LS Medium Frequency Generator 5KA 2000Hz serial link**
**DESCRIPTION :**

- Welding generator medium frequency 2000 Hz.
  - 5 000 A under 15 V
  - Specially adapted for high production rates, in manual or automatic operation
  - Current regulation controlled by microprocessor to 0.5 ms
  - High accuracy and repeatability.
  - Lower value of maintenance.
  - Management by a serial link to a PC through Soudax software.
  - 60 programs and sub-program.
  - Starting step by step, by sequencer, with external program or seam welding mode.
  - 8 steps of welding program.
  - Definition of time by step of 1 ms and possibility to use or not a ramp.
  - Definition of intensity by step of 1/100 or 1/250
  - Force command when connected with proportional valve driven head or electromagnetic head (Soudax Patent).
  - Current control (Intensity and Voltage) with mini / maxi giving a OK/BAD signal.
  - Integrated management of the displacement control (**Option CCE**) with mini / maxi and Delta control (Soudax Patent) giving a OK/BAD signal. This system can also stop the cycle once you the expected displacement is reached.
  - Every measure of each welding point are stocked and archived (under excel) in order to have the best quality follow up.


**GMF 5KA**
**CHARACTERISTICS :**

MODEL	GMF 5KALS	
Input voltage	400V Threephased	230V Threephased
Output voltage	32A	
Output voltage maxi	15V *	
Output current maxi	5 KA **	2 KA ***
Frequency	2 KHZ	
Regulation	I	
Weld time	0 to 500 ms step of 1 ms	
Ramp	Yes from 1 to 200ms	
Numbers of maximum welding programs	60	
Dimensions	L 425 x P 440 x H 295 mm	
Weight	50 Kg	

\* Version 7V available on request

**Linked products**

**TEM 01 S - TEM 10 S**

Single Electromagnetic Head 01 DaN, 10 DaN


**TEM 50**

ElectroMagnetic Head 50 DaN


**CS 10**

Welding pencil 10 DaN

**Dedicated applications**

- Accumulator Packs
- Filtre kérosène
- Soudage d'un microswitch
- Pointage de filtre et soudure mollette
- Soudure étanche de tube titane
- Soudure de tamis métallique


**CCE**

DISPLACEMENT CONTROL