



GE 120/800 ARS – GE 230/800 ARS



**GE 120/800 A.R.S.
GE 230/800 A.R.S.
INSTRUCTION MANUAL**



WARNING: READ THIS MANUAL BEFORE OPERATING THE PRODUCT

SAVE THIS INSTRUCTION MANUAL FOR REFERENCE

WARNING! Read all instructions before operating the inflator. Failure to follow all instructions listed below may result in product damage, and/or serious injury.

SAVE THESE INSTRUCTIONS

WARNINGS:

1. Read these instructions.
2. Keep these instructions.
3. Protect the cord and the Pressure Sensor Cable from being walked on or pinched.
4. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
5. Don't disassemble the product. Incorrect reassembly may result in a risk of Short Circuit.
6. Keep this product out of the reach of children.

DO NOT SUPPLY THE INFLATOR AT HIGHER OR LOWER VOLTAGE THAN NOMINAL. This inflator is made in 120 Vac 60Hz and in 220 Vac 50Hz version

GENERAL SAFETY RULES

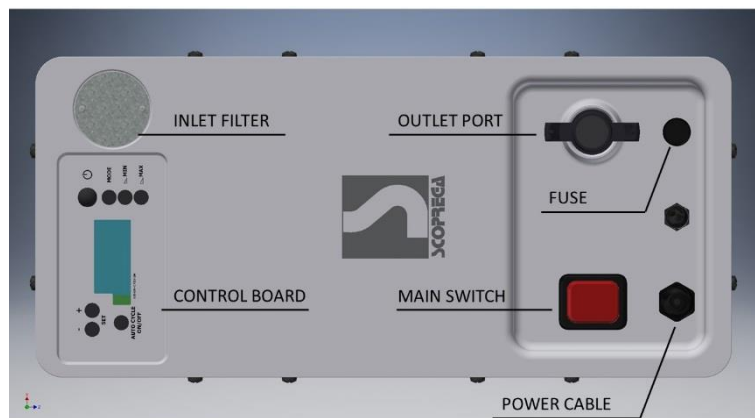
1. **CONSIDER WORK AREA ENVIRONMENT.** Don't expose the device to heavy rain. Don't use in presence of flammable liquids or gases.
2. **DON'T ABUSE CORD.** Never carry device by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
3. **STAY ALERT.** Watch what you are doing. Use common sense.
4. **CHECK DAMAGED PARTS.** Before further use of the device, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
5. **DO NOT OPERATE** portable device near flammable liquids or in gaseous or explosive atmospheres.
6. **WARNING! RISK OF UNSAFE OPERATION.** Do not modify or attempt to repair. Never drill into or make any modifications to the device or its attachments.

INTENDED USE

GE 800 ARS is a system able to keep the nominal pressure inside inflatable structures within pre-set values (min. 70 mbar, max. 180 mbar), independently from ambient temperature. The unit constantly monitors the pressure variation inside the inflatable structure and regulates the operation to ensure pressure top-up and pressure relief.

In case of temporary lack of power, GE 800 ARS keeps all pre-set values and will re-start as soon as the power is back.

1. **The GE 800 ARS is a unit able to INFLATE, MAINTAIN A PRESET PRESSURE INFLATABLE STRUCTURE. THAT MEANS THE UNIT MUST BE ALWAYS BE CONNECTED TO THE INFLATABLE.**
2. **THE GE 800 ARS IS DELIVERED WITH A FACTORY PRESSURE SET. IF THE SET PRESSURE NEEDS TO BE CHANGED, PLEASE FOLLOW CAREFULLY THE INSTRUCTIONS CONTAINED IN THIS MANUAL. IN CASE OF DOUBTS PLEASE CONTACT SCOPREGA.**
3. **THE INFLATOR IS PROVIDED WITH HOSES AND ADAPTORS TO BE CONNECTED TO THE MOST COMMON INFLATION VALVES**



MAIN CHARACTERITICS

	GE 230/800 ARS	GE 120/800 ARS
Supply Voltage	230 Vac ~ 50 Cycles	120 Vac ~ 60 Cycles
Max Power	750 W	
Max output Flow	800 l/min	
Max Pressure	180 mbar (2.5 psi)	
Min Pressure	70 mbar (1.01 psi)	
Hysteresis	±30 mbar (0.44 psi)	
Dimension	L= 370; W=170; H=160 (mm)	
Mass	3.5 kg	

USE OF GE 800 ARS

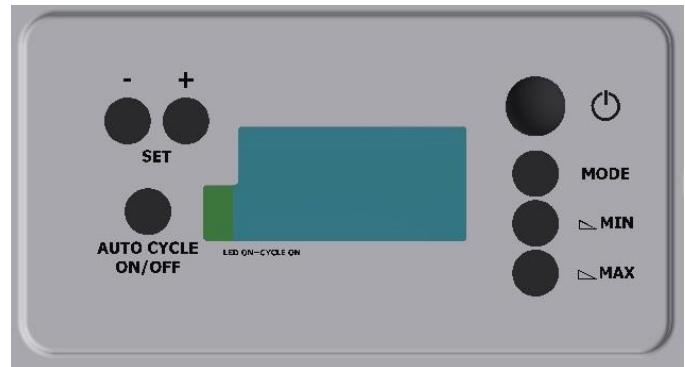
1. Connect the Inflating tube to the Outlet Port of the GE 800 ARS and to the Main Valve of the inflatable structure
2. Connect the Power Supply Plug to the specific Socket
3. Turn ON (1) the Main Switch on the Inflator. The green light on the switch will turn ON
4. After 2 seconds the GE 800 TEC will start to inflate at the preset pressure.

CHANGING THE PRESET PRESSURE

TO CHANGE THE PRESET INFLATING/CONTROLLING PRESSURE CAREFULLY FOLLOWS THIS INSTRUCTIONS:

1. **TURN ON (1) THE MAIN GREEN SWITCH**
2. **TO ADJUST THE PRESSURE ACT AS FOLLOWS:**

- A. PRESS the **POWER ON** button of Control Board
- B. PRESS **MODE** to select the measurement's units (mbar, psi, kPa, bar): press many times the **MODE** button until desired unit.
- C. Adjust to the desired working pressure using the **SET+/SET-** button: press a button for 2 seconds, the display starts flashing and you can change the pressure switch **SET+/SET-**. After 2 seconds the display stops flashing and the set pressure is stored. The pressure is adjustable from 70 to 180 mbar
- D. Adjust the refill pressure: press for 3 seconds the **MIN** button, the display starts flashing. With **SET+** and **SET-** you can adjust the value. After 2 seconds the display stops flashing and the set pressure is stored. example: if the desired pressure is set to 120 mbar and the value of refilling is set to 30 mbar, when the pressure of the inflatable structure falls below 90 mbar, the GE 800 TEC turns on and brings the pressure to 120 mbar
- E. Adjust the discharge pressure: press for 3 seconds the **MAX** button, the display starts flashing. With **SET+** and **SET-** you can adjust the value. After 2 seconds the display stops flashing and the set pressure is stored. example: if the desired pressure is set to 120 mbar and the value of discharging is set to 30 mbar, when the pressure of the inflatable structure rises to above 150 mbar, the GE 800 ARS's discharging valve opens and the GE 800 ARS's internal pressure returns to 120 mbar



- F. After adjustment press **AUTO CYCLE**: 2 LEDs light up and after 2 seconds, the GE 800 ARS will inflate-refill and discharge automatically. With the automatic cycle switched on (LEDs ON) the UNIT automatically checks the pressure of the inflatable structure.

3. **TURN OFF (0) THE GREEN SWITCH**
4. **DISCONNECT THE POWER SUPPLY**
5. **RECONNECT THE POWER SUPPLY CABLE TO THE 120 Vac or 230 Vac SOCKET**
6. **TURN ON (1) THE MAIN GREE SWITCH**

TROUBLESHOOTING

Problem	Possible cause	Possible Solution
GE 800 ARS doesn't start	Power cord not connected	Connect the cable correctly.
	Main GREEN switch OFF (0)	Put the switch to ON. (1)
	The power cord is damaged.	Replace or repair the cable from a SCOPREGA Service.
Inflator Stop	Power cord not connected	Connect the cable correctly.
	Main power switch OFF	Put the switch to ON.

ACCESSORIES

Recommended accessories for your GE 800 ARS are available from your dealer.

⚠ WARNING: USE OF ACCESSORIES NOT RECOMMENDED FOR THIS PRODUCT CAN BE DANGEROUS.

MADE IN ITALY by