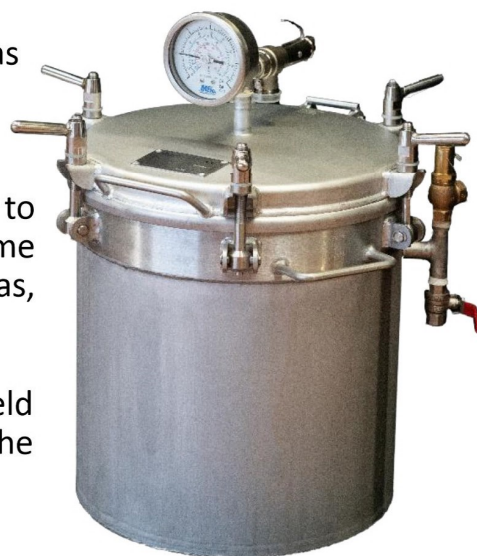**Medical / Devices / Sterilizers**

"FIELD STERILIZERS"

Our V90 and Steam Pot steam sterilizers have been developed as an emergency solution: the quickest and easiest autoclave, respecting high steam international sterilization standards.

It is mostly intended for field hospitals and healthcare centres, to sterilize surgical instruments and medical devices under extreme conditions as natural disasters, wars, poor sanitary areas, epidemic, etc.

In order to answer to these particular conditions of use, the field sterilizer has been designed to be the most robust and also the simplest to use and maintain.

Completely manual, it can use all kind of power supplies as electricity, oil, gas and even wood fire.

It provides best sterilization processes with 121°C and 134°C sterilisation cycles (Prions cycles).
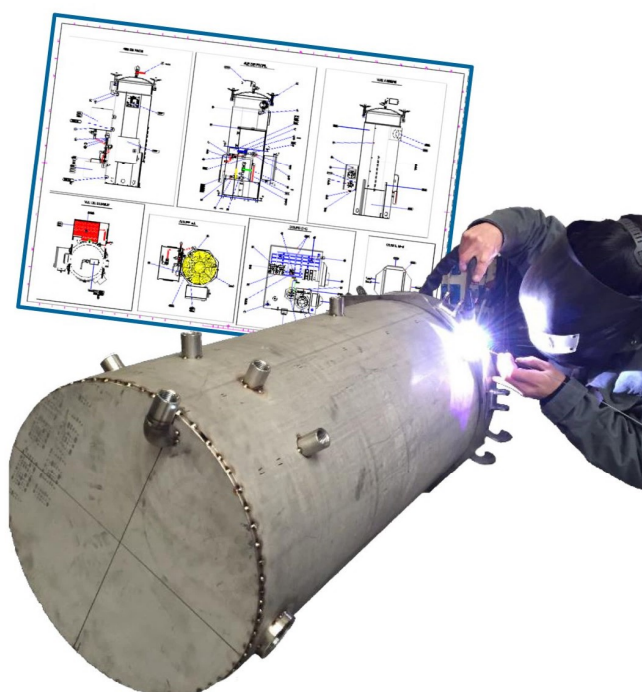
This is its ability to adapt to all environments that has convinced many NGOs who use our fields sterilizers, in response to the requirements of emergency surgery in fields.

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FRANCE

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www.mds-france.com

HIGH QUALITY MATERIALS

Designed and manufactured in France.
Fully made in stainless steel 316L, argon welded:

- Stainless steel polished cladding
- Cylindric vessel
- Bottom grid
- Top lid

CHAMBER DIMENSIONS

- Useful volume: 40 to 90 liters
- Diameter: 400 mm
- Depth: 700 mm

PROCESS

- 2 different cycles:
  → 121°C or 134°C
- Drying done by thermodynamic vacuum
- Automatic regulation by relief valves and check valves
- High pressure safety valve
- Accurate pressure gauge

CONTROL & CABINET

- Temperature regulation controlled by a thermostat from 60°C to 200°C
- 3 heating settings:
  → 1.5, 3 or 4.5kW
- Coloured valves (easy to use)
- Mechanical timer
- Function lights

PROVIDE WITH

- First emergency spare parts kit
- Components and material certificates
- Manufacturing protocol (DESP/GMP)
- Instructions manual
- Maintenance manual

UTILITIES

- Electrical supply
  → 230Vac or 400Vac possible
  → 16A max capacity
  → 3P+N+G wire
- Oil stove
  → Provide with a manual pressure pump
- Gas stove
- Water tank level indicators