Industrial oxy-hydrogen flame station

Dedicated to oxy-flame applications in industry

1 Dual pressure display

Reading on the pressure gauge and on the control screen to indicate if your generator is under pressure, even if the power is off.

2 USB connection

For easy connectivity to modify the language and benefit from the lates developed features.

3 Emergency stop button

Emergency stop punch for a maximum responsiveness in unexpected event.

4 Monitoring screen

Access to the different modes and functions with a comfortable reading.

5 On-board consumables

5L refills housed in a protected compartment.

6 On wheels

4 wheels including 2 directional for maximum mobility.

7 Gas valve

Allows you to easily cut off the supply of gas lines.

8 Gas pressure regulator

Allows the selection of the correct gas pressure for the application and protects the gas line from generator. pressure fluctuations.
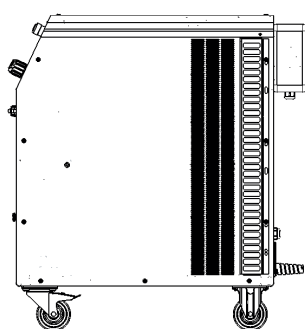
Technical characteristics

Dimensions, weight and handling
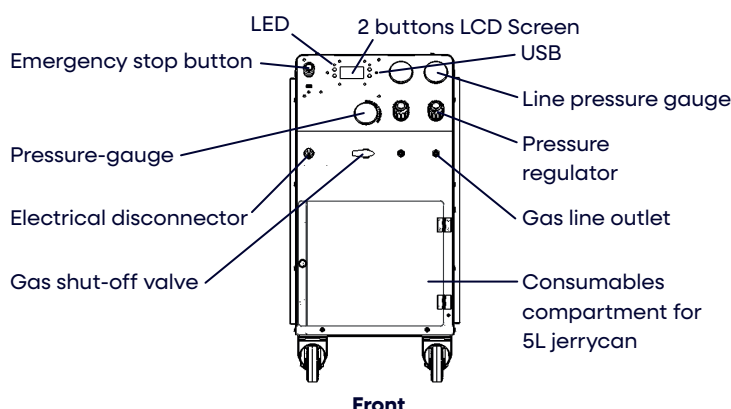- Width x Length x Height (mm) : 460, 893, 938
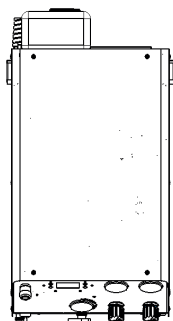- 172 kg

Features
Hydrogen/Oxygen production
- Available pressure : 0 to 1.6 bar
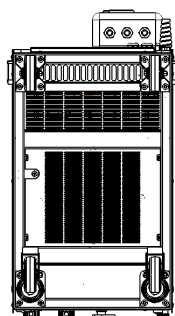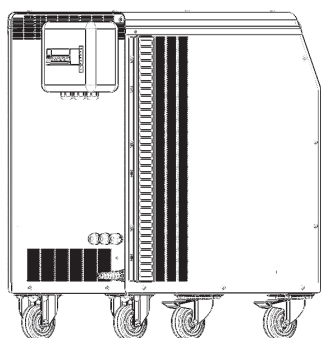- Number of gas outlets : 2
- Debit : 1600 L/h

Right side

LED
2 buttons LCD Screen
Emergency stop button
USB
Line pressure gauge
Pressure-gauge
Pressure regulator
Electrical disconnector
Gas line outlet
Gas shut-off valve
Consumables compartment for 5L jerrycan

Front

Top view

Bottom view

Rear view 3/4

Electricity, water and additive data
- Three-phase power supply : 400 V – 11A, fiche 5P
- Electrical power : 6 kW
- Pure water consumption* : 0.85 L/h (at 100% power)
- Types of pure water refill :
    - 5 L jerrycan - 6 hours autonomy
    - 25 L jerrycan - 29 h autonomy
- Additive consumption** : 0.17 L/h
- Type of additive refill : 5 L jerrycan - 29 h autonomy

Electronic functions, instrumentation and integrated systems
- LCD display with real time user messages
- Visual and audible alarms (LEDs and buzzer)
- Sealing self-test
- Integrated safety functions
- USB port for communication with the device with export of export of operating data for remote diagnostics
- Electronic pressure regulator
- Pressure gauge and pressure regulator on each gas outlet
- Ergonomic self-piloted flame (flame coloring & gas odorization process)

Options
- Automatic reel for Dyomix gas line
- Luminous column with buzzer
- Quick coupling with self-sealing safety system
- Service contract and extended warranty

Conditions of use
- Side ventilation clearance (mm) : 1000
- Top ventilation clearance (mm) : 50
- Operating temperature : 5 to 40 °C

Care and maintenance
Periodic maintenance according to usage rate.

Safety and compliance
- Flashback Arrestor security device
- Pressure Equipment Directive (PED) : 2014/68/UE
- Electric security / Low voltage directive : 2014/35/UE
- Electromagnetic compatibility (EMC) directive : 014/30/UE
- Protection Index : IP21 equivalent

* Water respecting the quality level recommended by Bulane.
** Additive respecting the quality level recommended by Bulane.