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.
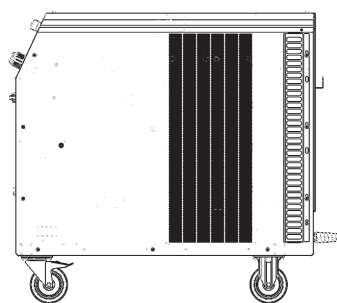
Bulane

Making hydrogen yours

Bulane.com

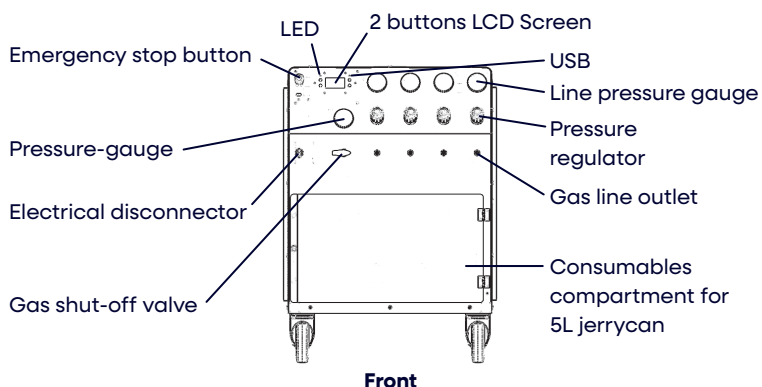# Technical characteristics

Dimensions, weight and handling

• Width x Length x Height (mm) : 710, 1109, 975
• 312 kg

Features

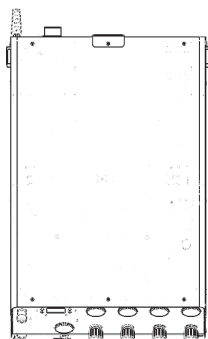Hydrogen/Oxygen production
• Available pressure : 0 to 1.6 bar
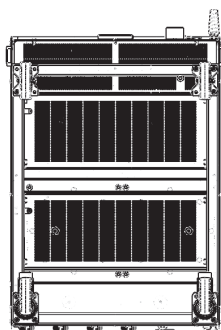• Number of gas outlets : 2 to 4
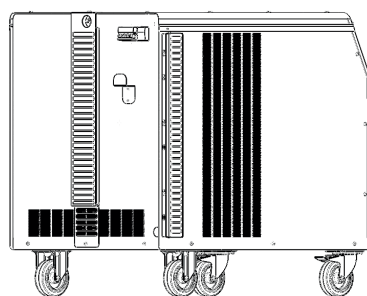• Debit : 3200 L/h

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 – 32A, fiche 5P
• Electrical power : 12 kW
• Pure water consumption* : 1.7 L/h (at 100% power)
• Types of pure water refill :
    • 5 L jerrycan - 3 hours autonomy
    • 25 L jerrycan - 15 h autonomy
• Additive consumption** : 0.34 L/h
• Type of additive refill : 5 L jerrycan - 15 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 : 2014/30/UE
• Protection Index : IP21 equivalent

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