



EFFICIENT



CLEAN



HEALTH FRIENDLY



SAFE



ECONOMIC



CONNECTED



dyomix

 SMART FLAME

Intelligent gas generator

Oxygen-hydrogen mobile flame station

Dyoflam 3

Dedicated to brazing and welding professional

Dyomix CleanTech makes it possible to produce a clean and efficient fuel easily and without storage, from the oxygen and hydrogen naturally present in the water. The flame thus produced, burning at over 2500°C, is particularly adapted to the needs of professionals using a flame in their daily applications. The Dyomix oxygen-hydrogen flame technology has been tested and used intensively in the industry since 2009.



RAISED HANDLE

97 cm high for an enhanced carrying comfort.

CARRYING HANDLES

Two sturdy and ergonomic side handles for more comfortable handling operations.

HANDLE-STAND

Very convenient to share handling effort (in a staircase for example).

ON-BOARD CONSUMABLES

Refills housed in protected compartments.

LARGE CONTROL DISPLAY

Easy-to-read access to the different modes and functionalities.

FLASHBACK ARRESTOR AND QUICK CONNECTION

Safety device with Flame arrestor (FA) to prevent flashback and Thermal cut-off valve (TV) to prevent excessive temperatures.
Self-sealing quick coupling system to facilitate and secure hose assembly and disassembly.



Eco-responsible
product



24-month manufacturer warranty

WWW.BULANE.COM

For more information, call us: +33 (0)4 67 830 908

OXY-HYDROGEN CLEAN FLAME
by





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TECHNICAL CHARACTERISTICS

DIMENSIONS, WEIGHT AND HANDLING

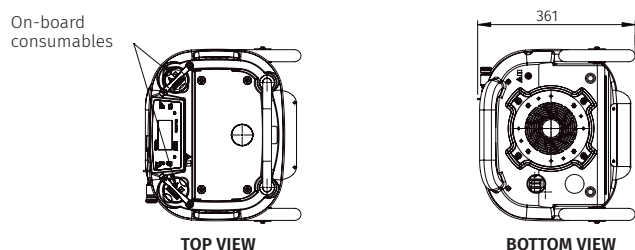
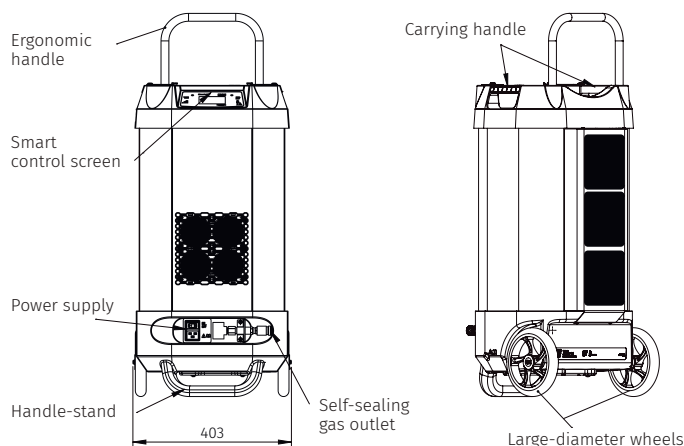
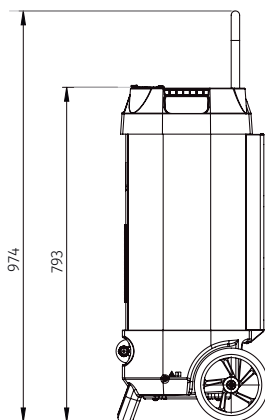
- Height x Length x Width (mm) :
403 x 361 x 793 / 974
- 51 kg

FEATURES

Hydrogen/Oxygen production

- Available pressure: 0 to 1.4 bar
- Debit: 750 L/h

Duty cycle (at T°C Ambient 20°C):
100% in all operating modes

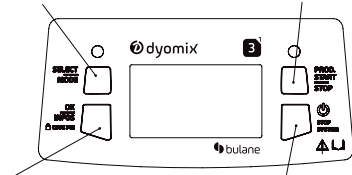


SELECT/MODE
allows you to navigate through the menus.
Long press 5s = Services Menu

PROD START/ STOP
allows the start or stop
of gas production

OK/INFOS allows the validation of functions
or the display of information.
Long press 5s = Info Settings Menu

STOP SYSTEM
allows the device to be switched off



ELECTRICITY, WATER & ADDITIVE DATA

- Single-phase power supply: 230 Vac - 16A,
plug 2P + T (type F / Schuko)
- Electric power mode 3.0 : 3.0 kW
- Pure water consumption* mode 3.0 : 0.4 L/H
- Types of pure water recharge:
 - 0.25 L bottle - range 35 mn
 - jerrycan 5 L - autonomy 12.5 h
- Additive consumption** mode 3.0 : 0.16 L/H
- Types of additive refill:
 - 0.125 L bottle - range 40 mn
 - jerrycan 5 L - autonomy 31.25 h

ELECTRONIC FUNCTIONS, INSTRUMENTATION & INTEGRATED SYSTEMS

- LCD display with real-time user messages
- Visual and audible alarms (LEDs and buzzer)
- "Self-leak test" function
- Integrated security functions
- USB port for communication with the device + charging
equipment on Smartphone battery
- Internal gas pressure reading manometer
- Electronic pressure regulator
- Ergonomic self-piloted flame (system of flame colouring
and gas odouring)
- Quick gas connection with locking mechanism and safety
monitor

SAFETY AND COMPLIANCE

- Highly fire-resistant plastic shells
- 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

CARE AND MAINTENANCE

Periodic maintenance according to usage rate.

* Water respecting the quality level recommended by Bulane.

** Additive respecting the quality level recommended by Bulane.