

BROMIC OXYSET MOBILE BRAZING KIT

(Item Number: 1811167-2)

DESCRIPTION

A lightweight, portable welding & brazing system, for use with disposable gas cylinders. Independently tested to EN1326 its compact, durable & lightweight cylinder rack, makes the Oxyset ideal for those hard-to-reach areas. A mixture between oxygen and gas fuel is preferred in many scenarios due to its adjustable heat output. With this in mind, the Oxyset kit is suitable for a variety of applications including welding, brazing, silver soldering and heating.



INCLUDED IN BOX

- Welding Torch
- Goggles, 1 piece
- Spanner, 1 piece
- Welding nozzle, 5 pieces
- Cylinder rack, 1 piece
- Flint Sparker
- Hose pair with brass fitting, 5mm ID, 2m long, 1 piece.
(Fuel: inlet=G3/8" RH. Outlet=G1/4" RH) (OX: inlet=G3/8" LH. Outlet=G3/8" LH)
- Flashback arrestors for torch, 2 pieces
(OX: G1/4" RH threads) (Fuel:G3/8" LH threads)
- Check valves for regulators, 2 pieces
(OX: G3/8" RH threads) (Fuel:G3/8" LH threads)
- Oxygen regulator with 2 gauges, 1 piece (inlet thread is M12x1, outlet thread is G3/8" RH) (outlet pressure gauge reading in bar up to max 16 bar) (cylinder contents pressure gauge reading in bar up to max 250 bar)
- Map Pro regulator with 1 gauge, 1 piece (inlet thread is CGA600, outlet thread is G3/8" LH) (outlet pressure gauge reading in bar up to max 25 bar)

SPECIFICATION

- Gas/flame adjustment for both oxygen and fuel
- When correct blue flame is present, it burns at approx. 3000°C
- Manual ignition (flint sparker provided)
- Read manual including all the warnings and how to connect and light the torch.
- Warranty = 12 months



COMPATIBLE CYLINDERS

- M12x1 cylinder thread: oxygen 1L oxygen cylinder (1811320)
- CGA600 cylinder thread: Map pro cylinder (1811120).

INDICATIVE CONSUMPTION RATES:

Nozzle	Oxygen (1L cylinder)	Fuel Gas (400g cylinder)
#1	160 g/h (45 mins)	35 g/h (11.0 h)
#2	260 g/h (30 mins)	70 g/h (5.5 h)
#3	290 g/h (25 mins)	105 g/h (3.5 h)
#4	380 g/h (20 mins)	135 g/h (2.5 h)
#5	535 g/h (15 mins)	200 g/h (2.0 h)

SPARE PARTS

Item Number	Description
1811161	2 flashback arrestors & 2 check valves Oxysset
1811163	2m twin hose for Oxysset
1811164	torch handle for Oxysset
1811171-1	Map-Pro Regulator for Bromic Oxysset
1811172-1	Oxygen Regulator for Bromic Oxysset
1811179	O-Ring for Bromic Oxysset Oxy Reg End Pack 3
1811184	Flint Sparker for Bromic Oxysset 1811167
1811182	Welding Nozzle for Bromic Oxysset 1811167

FAQS

What is the flame temperature? The flame temperature is about 3200 degrees Celsius, but this depends on the ratio of oxygen to fuel when burning.

What is the working pressure for each gas? Map-Pro has a working pressure of 0.5-0.9 bar. Oxygen has a working pressure of 4-6 bar.

END TECHNICAL DATA SHEET