

# PortaPak®

The Afrox PortaPak® is the ideal welding and cutting set for those difficult-to-get-to jobs. Light and robust, with man-sized capabilities, it is easily moved by one person, and can be lifted through hatches or into service vehicles. Because of its small size and portability, the set is ideal for emergency vehicles or on maintenance duty in industry where portability is a must.

## Welding and Cutting Capabilities

The PortaPak® can be used for fusion weld, braze weld, silver solder, heating and cutting. Nozzles provided will fusion weld steel up to 4 mm and cut steel up to 50 mm thick. The cutting capability can be extended to 20 mm by using the AFN 1,2 mm or to ± 35 mm using the AFN 1,6 mm nozzle available as an optional extra.

## Continuous Operating Times

Brazing and welding with No. 5 nozzle – six hours. Cutting with 0,8 mm nozzle – 45 minutes. These times are for non-stop operation. The average job requires a fair amount of preparation and welding and cutting is normally intermittent, which in practice extends these times considerably.

## Features

### Regulators

Single-stage regulators that give exceptional performance and reliability. Both are equipped with gauges indicating cylinder and outlet pressures. Gauges are colour-coded for easy and safe setting of welding and cutting pressures. When replacing regulator stem sealing washers, use only the correct Afrox replacement parts (see ordering information).

### Accessory Box

Convenient robust metal box with provision to hold the full range of nozzles, flint lighter, goggles, and spanner.

### Cylinders

Capacities: oxygen 1,43 kg, acetylene 0,9 kg.

There are no rentals or deposits on the cylinders but a charge will be made for subsequent refills.

**Cylinders may only be filled by Afrox.**

### Filler Rod Holder

Easily removable holder allows access to short lengths of filler rods.

### Trolley

Designed as a robust lightweight unit, it gives maximum mobility and incorporates a positive cylinder-securing device ensuring safe handling of the set. A lifting eye is provided at the centre of gravity to enable safe hoisting of the unit.

## Torch

The Afrox Combi-Lite Torch converts from welding to cutting by simply changing the nozzle.

## Flashback Arrestors

For ultimate safety, regulator and torch mounted flashback arrestors are incorporated as standard equipment, thereby eliminating any possibility of ignition of mixed gases in the hoses.

## Hose

Completely assembled industrial grade 5 mm SANS approved hoses, supplied in 3 m lengths and fitted with safety flashback arrestors that protect against mishaps. The hose is flame retardant, durable and resistant to abrasion.



## Ordering Information

### The Outfit Comprises

Description	Item Number
Oxygen Cylinder	W005740
Acetylene Cylinder	W005782
Complete Accessory Kit	W005772

### The Accessory Kit Comprises

Description	Item Number
Oxygen Regulator	W003031
Acetylene Regulator	W003034
3 m Lengths of Fitted Hose Acetylene (DA) *	W002600
3 m Lengths of Fitted Hose Oxygen (O <sub>2</sub> ) *	W002601
Parallel Hose Clips	W002530
Goggles	W012257
Multi-purpose Spanner	W012590
Triple Flint Lighter	W012621
Data Card	N/R
Replacement Inlet Stem Seals (Two x O <sub>2</sub> , one x DA)	W003077
Nozzle Cleaners	W012172
Reg. Mount Flashback Arrestor Acetylene	W012017
Reg. Mount Flashback Arrestor Oxygen	W012016
Torch Mount Flashback Arrestor Acetylene	W012032
Torch Mount Flashback Arrestor Oxygen	W012033

\* Fittings sold separately

### Optional Accessories

Description	Item Number
No. 1 LC Nozzle	W005701
No. 3 LC Nozzle	W005703
No. 7 LC Nozzle	W005705
AFN 1,2 Cutting Nozzle	W005709
AFN 1,6 Cutting Nozzle	W005710
No. 3 Welding Nozzle	W005092
No. 5 Welding Nozzle	W005093
No. 7 Welding Nozzle	W005094