

# > KA2020

## PORTABLE NITROGEN TOOL



### DESCRIPTION


The Nitrogen Portable Charging Unit (PCU) or Walk-about Kit is a man portable source of compressed nitrogen gas designed to meet the requirements for portable aircraft gaseous ground support.

Typical applications include topping-up the pressure in aircraft tyres, gas suspension struts and oleo systems. The unit comes complete with a 3m charging hose, equipped with circumferential quick connectors for ease of use. The Portable Walk-about Kit is a very useful addition to an operator or maintainer's gaseous ground support equipment and itself may be recharged with nitrogen from a bottle cart / trolley, air separation cart or hangar / workshop supply. Once charged the unit may be deployed where other gaseous ground support equipment is not available.



### KEY FEATURES

Man portable. Light weight. Compact. Robust aluminium case. Supply of high-pressure nitrogen. 1800L nitrogen at STP. 6.7L water carbon fibre composite cylinder. Integral charging hose. Integral filter. Non-combustable materials. All loose items securely retained. Certified to TPED. Tyre charging adaptor. Quick connectors. Easy maintenance. Choice of case colour. Choice of number and pressure range of regulators. Integral relief valves. Integral pressure gauges.

 **SIZE**  
220x373x668 (mm)

 **WEIGHT**  
21.5 (kg)

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### SPECIFICATIONS

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Inlet Connection: G1/4" or UK MOD  
Outlet Connection: Quick connect  
Maximum Working Pressure - bar: 0 - 350  
Maximum Working Pressure - psig: 0 - 5,075  
Outlet Pressure Range - bar: 0 - 207  
Outlet Pressure Range - psi: 0 - 3,000  
Stage One Pressure Range - bar - fluid: 0 - 207  
Stage One Pressure Range - psi - fluid: 0 - 3,000  
Stage Two Pressure Range - bar - fluid : 0 - 35  
Stage Two Pressure Range - psi - fluid: 0 - 500  
Relief Valve Set pressure range bar: 0 - 385  
Relief Valve Set pressure range psi: 0 - 5,600  
Relief Valve Reseat Pressure %: 10  
Relief Valve Set Pressure Variation % : 2  
Nominal bore - mm: 6  
Filtration level - Micron : 20  
Inlet/Outlet Pressure variation (%): 5  
Medium: Nitrogen



### CERTIFICATION

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Certification: TPED  
Service instruction reference: SI1095



### COMPLEMENTS

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HP hose: M / F Staubli RBE06 Length 3 m  
HP hose: F. M12x1 / M. staubli O6 Length 3 m  
HP hose: F. M12x1 / F. M12x1 with anti-whip Length 3 m

#### CONTACT US

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