Rockwell Collins’ line of aerospace ground test equipment enables your teams to test equipment where they use it – in the field. Crews can refill, test and be ready for the next mission without returning to base.

Our product range includes field-deployable test equipment for breathing masks, pressurized clothing, breathing regulators, and pressure reducer and automatic change-over valves. The “plug-and-play” line not only ensures your teams’ OXYMOSS and OXYJUMP systems are good to go before takeoff, crews can use it to test most other oxygen applications and components.

**AMP 2020**
The Breathing Masks Test Bench
AMP 2020 inspects and tests aircrew equipment such as various breathing masks, high-performance anti-g protection clothing and communication equipment.

Our touchscreen design meets testing requirements for fourth-generation combat aircraft such as the Eurofighter Typhoon. On-screen test instruction and selection menus provided by a memory programmable control (MPC) unit make the system easy to operate without special training and easily adaptable to future technology upgrades. The MPC contains all applicable test procedures and the main test parameters: pressure, flow rate, time and leakage rate.

The AMP 2020 meets requirements for air transportability with a modular design packed into two portable transport containers. Built-in tests check system functionality, so your crew won’t need to recalibrate after transport. The system tests communication sets with isolation resistance and functional tests on microphone and earphones.

**TEST EQUIPMENT FOR**

- Demand breathing mask
- Pressure-compensated mask
- Constant flow air mask
- Anti-g trousers
- Counter pressure garments
- Inflatable foot bladder
- Oxygen mask microphones
- Helmet earphones
- Headsets (microphone and earphones)
- Breathing regulator
- Pressure reducer
MOT 2020

The Mobile Oxygen Tester (MOT) 2020 tests OXYJUMP and OXYMOSS before and after each mission.

The system runs on battery power or an external power source and is independent of any gas supply source. Its durable components contain no plastic or composite materials – so there’s nothing to break down over time. Our MOT 2020 integrates with both Rockwell Collins and other components quickly and easily. It’s simple for your crew to operate without special training.

AMP 2020 SPECIFICATIONS

Flow measurement:
0 to 120 l/min

Vacuum measurement:
0 to 100 mbar

Excess pressure measurement:
0 to 100 mbar
0 to 1 bar

External power supply:
110/230 V AC
50/60 Hz

Compressed breathing air supply:
Max. 200 bar

Temperature range (operational):
-10° C to 50° C

Temperature range (storage):
-40° C to 70° C

Shock resistance:
MIL-STD-810E (meth. 516.5, proc. l)

Vibration:
MIL-STD-810E (meth. 514.4, cat. 1)

Dimensions (h"w"d):
792*534*694 mm (per container)

Oxygen measurement:
0 to 100%

Pressure reducer test:
+ / – 10 bar

Internal battery power:
12 V-24 V

External power supply:
90 V-250 V

Electrical safety:
CE in accordance
EN 61326-1 / A1

Temperature range (operational):
0° C to +40° C

Temperature range (storage):
-20° C to +40° C

Shock resistance:
MIL-STD-810E
20 g/6 ms

Vibration:
MIL-STD-810E
Fig. 5144-1 (1,04Grms)

Dimensions (h"w"d):
450*532*430 mm

For more information, contact:

Rockwell Collins
Revalstrasse 1
23560 Luebeck, Germany
Ph: +49.451.4093.0
Fax: +49.451.4093.4488
aerospace@beaerospace-systems.com
rockwellcollins.com