

Interceptor® Plus Pressure Test Kit



A maintenance program for any EN Type 1 or level A gas-tight suit should include regular internal pressure testing to ensure the suit remains air-tight and leak-proof. This portable pressure test kit includes everything you need to conduct a pressure test on your Interceptor suits

All packed in a purpose built tough and durable carry case to protect contents from damage.

Contains:

- In-built magnahelic pressure gauge
- In-built air blower for inflation of the suit with on/off switch and gradual opening/closing valve control - so air-flow can be regulated
- All required suit connection valves
- All required inlet and outlet hoses
- Stop clock for timing of tests

Pressure Test Basic Instructions

After connecting the suit to the test kit as instructed:

1. Initially inflate the suit to a pressure of 1250 Pa (12.5 mbar / 5 in water column)
2. Maintain the suit pressure at 1250 Pa for a short period. This should incorporate ensuring all creases and folds are removed from the suit and may require adding further air.
3. After this initiation period reduce the pressure by releasing air to 1000 Pa (4" water column / 10 mbar)
4. Start the test. The test should last for 4 minutes.
5. Performance Requirements : Do not touch or move the suit during the test period as this may affect the results. During the 4 minute test period the pressure in the suite should not drop to any lower than 800 Pa (3.2" water column/ 8 mbar). If the pressure has dropped to a pressure lower than this the suit has failed and should not be used.

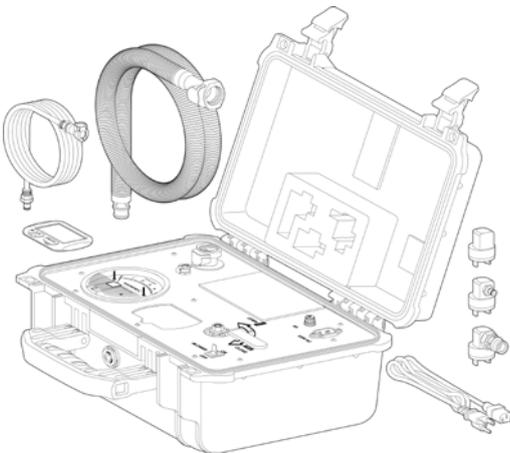
Interceptor® suits have been certified to the EN 943 Type 1 Gas-Tight Suit standard which includes a pressure test according to EN 464 before and after a practical performance test.

However, the pressures and timings indicated here are lower/ shorter than required by EN 464. They are however defined by Lakeland as suitable for a maintenance procedure to confirm the suit is gas-tight without inflating the suit to higher pressures and risking damage.



A video showing full instructions for conducting a pressure test can be found on the Lakeland web site at www.lakeland.com

Exploded diagram / parts list



A	101-001-0809	Magnahelic gauge 0-8"	H	20101	Complete blower assembly
B	101-000-0902	6' 120/220V power chord	I	RM-5051	Blank plug (not used for CE Type 1 suits)
C	101-001-0806	Manual timer	J	RM-5050	1/2" tapped plug
D	101-000-0504	Plus storage foam	K	RM-5049	1/4" tapped plug
E	101-000-9009	125V 5a fuse	L	RM-5021	1/2" male quick connect fitting
F	101-000-0507	Air supply hose	M	RM-5036	3/8" x 1/2" male quick-connect fitting
G	101-000-0500	Test tubing			