

# PRO-TESTER

## LEAK TEST DEVICE

The Pro-Tester leak test device provides a simple and reliable means of testing the leak-tightness of full face masks. The Pro-Tester checks that the valves are airtight and that there is no leakage from the sealing edge of the face blank, visor or speech diaphragm. Negative pressure builds up when the face piece is closely mounted on the test head.



### PRODUCT HIGHLIGHTS

- Simple and reliable means of testing the leak-tightness of a full face mask
- Professional negative pressure leak-test device
- 8 second test
- No compressed-air supply needed





## PRO-TESTER

### LEAK TEST DEVICE



Ref. nr. 141080

#### Pro-Tester - Accurate and reliable leak tester

- The test result is automatically displayed by light indicators. Green – pass; Red - fail.
- Negative pressure is assured by the use of a vacuum pump.
- Its robust construction withstands arduous daily use in the workplace.
- Negative pressure is built up in two stages to create a reliable and uniform fit between the mask and the testing device.
- The internal leak-tightness of the device can be tested, if required. A test hose is available for the purpose.
- No compressed-air supply is required.

#### Testing

The status of the pressure controller must be checked before testing. Turn the main power switch to position I. The digits 0±0.1 should be shown in the pressure controller's display. To reset the display, depress the reset button R on the front panel for approximately three seconds.

#### Test procedure:

1. Close the mask's filter connection by screwing the black plug in tightly.
2. Fit the mask firmly on to the test head, beginning with the chin cup first and then pulling the face piece upwards with both hands.
3. Press the START button. The yellow indicator will then begin to flash and negative pressure will build up inside the mask. The yellow light will stay on throughout the duration of the test i.e. for 8 seconds.
4. When the green indicator lights up, the face piece has passed the test. If the red light comes on, the face piece has failed. Failure may be caused by incorrect mounting of the mask on the test head or because the black plug is not firmly screwed in. If the test fails, check these two possibilities and then repeat the test procedure.
5. Threshold values can be changed by using the set-up button S.

#### Pro-Tester components:

1. Test head
2. Main power switch
3. Pressure controller
4. Yellow indicator light (test in progress)
5. Green indicator light (test passed)
6. Red indicator light (test failed)
7. Start button
8. Reset button
9. Plug

#### Technical Data

Dimensions	
Width	440 mm
Depth	300 mm
Height	290 mm
Weight	12 kg
Pressure display range	0 – 100 kPa
Display resolution	0.1 kPa
Max negative pressure	20 kPa. <i>Both the rejection limit and the negative pressure level used for the test are adjustable.</i>
Gauging time	8 sec
Supply voltage	230 VAC

#### Ordering information

141080 | **Pro-Tester**

#### Spare parts and accessories

141084	Vacuum pump
141085	Vacuum sensor
141086	Solenoid valve
141087	Signal light, yellow
141088	Signal light, red
141089	Signal light, green
141095	Plug
141096	Test head
141081	Stand for data carrier read/write head

**tyco / SCOTT**  
HEALTH & SAFETY

**Finland:**  
**Scott Health & Safety Oy**  
P.O.Box 501  
FIN-65101 Vaasa, Finland  
**Customer services:**  
Tel.: +358 (0)6 3244 543, -544  
Fax: +358 (0)6 3244 591  
e-mail: fin-sales@tycoint  
www.scottsafety.com

**United Kingdom:**  
**Scott Health & Safety Limited**  
Pimbo Road, West Pimbo,  
Skelmersdale, Lancashire, WN8 9RA  
**England**  
**Customer services:**  
Tel: +44 (0)1695 711711  
Fax: +44 (0)1695 711772  
e-mail: scottint.uk@tycoint.com  
www.scottint.com



Distributor: