

# Dräger Test-it 6100



ST-2123-2006

The new Dräger Test-it 6100 is a handy mobile test device designed especially for testing your closed-circuit breathing apparatus. The compact suitcase design includes all the necessary accessories, such as adapters and hoses for the Dräger PSS® BG4; offering dependable quality at a low purchase price combined with low operating costs.



ST-2084-2006

Dräger Test-it 6100

The Dräger Test-it 6100 makes it possible to test all the functions of your closed-circuit breathing apparatus. The sturdy housing is splash-protected in accordance with IP 64. The device includes a mains adapter as energy supply.

After turning on the device, an automatic sensor offset is carried out – then the device is ready to use. The user interface is divided into the flow and pressure measurement areas. The display which is located at the centre shows either flow or pressure. It can be switched between these measurement possibilities by briefly pressing the key underneath the display. If this key is pressed longer, a sensor offset is done. The unit of measure for flow is L/min - for pressure either mbar or hPa can be selected.

The components RD40 connector, connector for the hand pump, cut-off valve, and pressure relief valve are arranged on the pressure side of the operating panel. Via the RD40 connector, an adapter is used to connect the mouthpiece of the closed-circuit breathing apparatus that is to be tested. For pressure tests, the relief valve is first switched to open. Then the corresponding test pressure (positive or negative pressure) is produced, the cut-off valve is closed, and

the pressure relief valve is used to set the exact test pressure. For quicker working, the valve shows two pressure relief levels.

The connection for the flow test is integrated on the flow side of the operating panel. The Dräger Test-it 6100 includes a dosing cap, which is used to connect the flow sensor to the input of the hand pump. This design means that the Dräger PSS® BG 4 remains connected unchanged to the Dräger Test-it 6100. In addition, the flow side includes a stopwatch for time measurement.

As an alternative to the mains adapter that is included with delivery, the test device can also be operated with an external battery pack. A separately available test head or a test balloon extend the test capabilities to masks. For this purpose the Dräger Test-it 6100 is equipped with the test volume of 500 ml (+0ml; -100ml) required for the low-pressure range under vfdb guideline 0804. Alternatively to manual performance, it is also possible to operate and analyze individual test steps electronically via a PC using the Adaptor II user software (USB interface).

Dräger Test-it 6100 – another quality product from Dräger Safety.

## TECHNICAL DATA

| Environmental conditions | During operation         | During storage (without direct sunlight)                                                         |
|--------------------------|--------------------------|--------------------------------------------------------------------------------------------------|
|                          | Permissible temperature: | 10 to 45 °C                                                                                      |
| Air pressure:            | 900 to 1200 mbar         | 900 to 1200 mbar                                                                                 |
| Relative humidity        | Max. 90%                 | Up to 90%                                                                                        |
| Housing                  | Material:                | Plastic                                                                                          |
|                          | Dimensions (D x H x W):  | 350 x 173 x 465 mm                                                                               |
|                          | Colour:                  | Housing case black; interior anodized aluminium                                                  |
|                          | Weight:                  | About 5 kg                                                                                       |
|                          | Connection:              | Round thread connection, RD 40, interior                                                         |
|                          | Electrical power:        | 230 V DC, via external mains adapter                                                             |
| Parameter display        | Pressure/flow:           | Numerical LCD display, display can be switched from pressure to flow by pressing the key briefly |

## ORDER INFORMATION

|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |              |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Dräger Test-it 6100</b>                                            | Consisting of: basic device, power cable, large hand pump, "Adaptor II" software, Dosing cap, instructions, necessary adapters and hoses                                                                                                                                                                                                                                                                    | AG 02 690    |
| <b>Required for operation, if the optional PC control is selected</b> |                                                                                                                                                                                                                                                                                                                                                                                                             |              |
| PC, monitor, printer<br>(specification as per current offering)       | If there is a PC, then the recommended minimum configuration is: Intel Pentium or equivalent processor; operating system: Windows 98, NT (4.0), 2000, XP; clock frequency: at least 350 MHz; main memory: at least 64 MB; free hard disk space: at least 1 GB; VGA colour graphics card and colour monitor; second parallel interface (if the first interface is being used, e.g. by the printer); CD drive | upon request |
| Accessories for the PC                                                | Administration software: Drägerware, barcode scanner, and barcode labels, transponder and transponder reader                                                                                                                                                                                                                                                                                                | upon request |
| <b>Accessories</b>                                                    |                                                                                                                                                                                                                                                                                                                                                                                                             |              |
| Battery pack                                                          |                                                                                                                                                                                                                                                                                                                                                                                                             | AG 02 672    |
| Test head, complete                                                   |                                                                                                                                                                                                                                                                                                                                                                                                             | R 50 572     |
| Test balloon, set                                                     |                                                                                                                                                                                                                                                                                                                                                                                                             | R 52 227     |

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