Dräger Bump Test Station

ST-4700-2005

Dräger Bump Test Station:
To simplify function tests.

The Dräger Bump Test Station is designed to perform a bump test (also known as a function test or challenge test) for portable instruments with gas. This test is important in order to check the ability of the gas to flow through the dust and water filter over the sensor; to check that the calibration of the sensor is still correct; to check that the alarms work and are set correctly; to be in line with the regulations, standards or recommendations from the local authorities. A Dräger gas calibration cylinder is connected to the station. The bump test station includes the necessary gas regulator and an instrument-specific adapter for the connection of the different instruments. Testing an instrument with a known concentration of gas is the only way to guarantee the reliable and accurate detection of gas hazards. During this test, the sensor's response and the proper function of the instrument's alarm functions are checked.

Flexible adaption

The Dräger Bump Test Station has a gas regulating valve already fitted together with an instrument specific adapter to connect it to various detection instruments.

Easy to operate

To carry out tests, a Dräger calibrated cylinder containing the gas to be monitored is connected to the station. The valve automatically opens the gas cylinder upon insertion of an instrument into the module.

Reliable and fast

The bump test facilitates the comparison between the concentrations displayed on the instrument with concentrations of test gases (indication on calibrated gas cylinder) and also checks the alarm functions. If a bump test was not successful the instrument must be recalibrated.

Bump Test Station for every application

Dräger Bump Test Station is available for all Dräger X-am and Pac models and associated detection equipment.

ORDER INFORMATION

Dräger Bump Test Station	
Dräger Bump Test Station Dräger Pac 1000 - 7000 without gas cylinder	83 17 410
Dräger Bump Test Station Dräger Pac 1000 - 7000 complete with an optional test gas cylinder 58 L (to indicate on order):	83 18 586
50 ppm NH_3/N_2	68 11 352
50 ppm CO/air	68 11 117
2.5 Vol.-% CO_2/air	68 10 391
20 ppm H_2S/air	68 10 393
25 ppm H_2S/N_2	45 02 155
100 ppm H_2S/N_2	36 02 359
18 Vol.-% O_2/N_2	68 11 250
10 ppm HCN/N_2	68 10 642
5 ppm Cl_2/N_2	36 02 322
10 ppm NO_2/N_2	68 10 646
0.5 ppm PH_2/N_2	68 10 647
10 ppm SO_2/N_2	68 10 645
Dräger Bump Test Station Dräger X-am 1/2/5000 without gas cylinder	83 19 131
Dräger Bump Test Station Dräger X-am 1/2/5000 complete with optional gas mixture test gas cylinder 58 L (to indicate on order):	83 19 130
15 ppm H_2S, 50 ppm CO, 2,5 Vol.-% CH_4, 18 Vol.-% O_2	68 11 130
0.9 Vol.-% C_3H_8/Air	68 11 118

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Dräger Bump Test Station Dräger X-am 3000 without gas cylinder	83 17 425
Dräger Bump Test Station Dräger X-am 3000 complete with optional mixed gas test gas cylinder 58 L	83 19 071
15 ppm H_2S, 50 ppm CO, 2,5 Vol.-% CH_4, 18 Vol.-% O_2	68 11 130
Dräger Bump Test Station Dräger X-am 7000 without gas cylinder	83 18 909
Dräger Bump Test Station Dräger X-am 7000 complete with an optional mixed test gas cylinder 58 L (to indicate on order):	83 19 072
15 ppm H_2S, 50 ppm CO, 2.5 Vol.-% CH_4, 18 Vol.-% O_2	68 11 130
15 ppm H_2S, 2 Vol.-% CO_2, 2.5 Vol.-% CH_4, 18 Vol.-% O_2	68 11 131
15 ppm H_2S, 50 ppm CO, 2 Vol.-% CO_2, 2.5 Vol.-% CH_4, 18 Vol.-% O_2	68 11 132
100 ppm i C4H8 (i-Buten) /Air	68 11 629
Dräger Mobile Printer for Bump Test Station (for more information please see page 106)	83 19 310