Dräger X-dock® 5300/6300/6600
Calibration and Bump Testing

The Dräger X-dock® series provides you with full control of your portable Dräger gas detection instruments. Automatic bump tests and calibrations with reduced test gas consumption and short testing times save time and money. Comprehensive documentation and evaluations provide you with a clear overview.

X-dock® 5300

3 (6300) or 6 (6600) test gas inlets
Fresh air also available

X-am® 125/X-am® 125+ (charging function) or Pac® module

USB and network connections

All tubing and electrical connections located inside the device

D-47907-2012

X-dock® 6x00: up to 10 modules (X-am 125 (+) or Pac)

Benefits

As versatile as your requirements

The X-dock is available in a wide variety of versions. The X-dock 5300 includes a master station including a module for a gas detection instrument from the X-am 1/2/5x00 or Pac family. It is immediately ready to use. The X-dock 6300 and 6600 versions can be configured freely. They consist of a master station and can be expanded with up to 10 modules for X-am 1/2/5x00 and/or Pac gas detection instruments.

Easier than ever before

Insert the device, close the lid and remove it when the indicator goes „green" – a test with the X-dock is just that simple. It immediately detects all sensor combinations. Furthermore, the X-dock automatically tests and adjusts when all required test gases are connected. The station works independently and can be configured and used without a PC. The station is operated via an integrated touchscreen. A gas detection instrument is detected as soon as it is inserted, and all data is documented in the database.

More safety thanks to complete documentation

Do you need to document whether or not your devices are ready for operation? Who tested which device when, and what the result was? The X-dock stores all of the relevant data and reads the collected information from the gas detection instruments for subsequent evaluations – providing you with complete control every step of the way. You can use the reporting function (report wizard) to create customised reports. Furthermore, you can print a calibration certificate right at the stations, since the X-dock series supports standard PostScript-compatible USB printers. This functionality allows the user to manage all requirements of EN 60079-29-1 and EN 60079-29-2.

Automatically reduced costs

With a reduced gas flow (300 mL/min instead of 500 mL/min) per module, you save costs on test gases. Short testing times reduce the overall maintenance efforts. The valve concept (patent pending) requires one pump only, resulting in the need for less wear and tear parts. The valves automatically switch the test gases and – when connected – the compressed air as well.

Significant time savings

Up to 10 modules can be connected to the X-dock at any given time, allowing you to test gas detection instruments simultaneously but also independently of each other. You can also save time and gas with the automatic bump test. Testing times (during which gas valves are open) of less than 10 seconds are possible when carried out with standard gases. Thus, the bump test has been further optimised as compared to the Dräger Bump Test Station.[1] All Dräger test gas cylinders are already stored in the database – entering the part number will automatically fill in the fields required for the gas configuration. This eliminates the need for manual data entry.

[1] For standard sensors: CH_4, O_2, CO, H_2S

Benefits

Overview of results

The additional „X-dock Manager" software offers you even more comfort: It produces a detailed evaluation of the data in the calibration system and gas detection instruments, and presents the information in various graphics and statistics – providing you with a complete overview of all results. All connected X-dock systems can be connected in one network. Therefore, the data is not only stored locally in the system, but in a central database as well. With the X-dock manager you are always in control.

Further benefits

– Touchscreen operation at the master station
– Up to three configurable test routines
– Automatic leak tests
– Automatic tests of alarm elements (acoustic, visual and vibration alarms)
– Optional charging function for X-am 1/2/5x00
– Replaceable seal cartridge
– 12V operation (e.g., in vehicles) possible
– Can be subsequently expanded with up to 10 modules (X-dock 6300/6600)
– Evaluation of sensor response time

The x-dock manager offers much more

– An overview page which quickly compiles the most important information: Gas exposure in specific areas, number of conducted tests, device availability, overview of created/sent reports
– Templates for regular reports that can be sent by email or saved as PDF files
– An issue and return function to allocate gas detection instruments to specific individuals
– Monitoring of stations within the network: All connected systems can be monitored (e.g., information on the gas configuration)
– Overview of devices: direct access to test reports and device configuration
– Notifications, also via email, e.g. if test gases are running out
– VLAN capable

System components

D-47836-2012

X-dock 5300 X-am 125

X-dock Master including X-am 125 module and power supply. 3 test gas connections. Limited to one module

D-47820-2012

X-dock 5300 Pac

X-dock Master including Pac module and power supply. 3 test gas connections. Limited to one module

D-47910-2012

X-dock 6300 Master

3 Test gas connection. Can be expanded to 10 modules

D-47912-2012

X-dock 6600 Master

6 Test gas connection. Can be expanded to 10 modules

System components

D-52814-2012

X-dock Module X-am 125

Supports Dräger X-am 1/2/5x00 devices

D-52815-2012

X-dock Module Pac

Supports Dräger PAC devices

D-52822-2012

X-dock Manager Standard (Initial license)

The X-dock Manager Basic administers instruments, users, and stations, shows documented test results and gives an overview of the gas detection fleet.
With this license a basic license will be activated. One PC at a time can use this license (network license / floating).

D-52822-2012

X-dock Manager Professional (Initial license)

Functions of the basic version plus comprehensive report tool to create graphical overviews of tests and also statistic values (e.g. average concentrations).
Additionally, the professional version contains an instrument handout and return function.
One Professional license. One PC at a time can use this license (network license / floating).

System components

D-57185-2012

Pressure reducer

0,5 bar For connection to the test gas cylinder.

D-47926-2012

12 V car adapter supply

12 V operation available, e.g. in vehicles

Accessories

D-47918-2012

Wall mount

Simple mounting option when fitted to a standard DIN rail or directly wall-mounted.

Accessories

D-47882-2012

Test gas cylinder holder with test gas cylinder

For securing the test gas cylinder to the X-dock Station.

Related Products

ST-740-2006

Dräger Bump Test Station

Easy to use, stand-alone and portable. With the Bump Test Station, functionality tests of gas detection and warning devices can be carried out easily and quickly.

ST-574-2005

Dräger E-Cal

Check, control and calibration of portable gas measuring devices at any time: Dräger E-Cal, the automatic test and calibration system is made for it.

Technical Data

Dräger X-dock® 5300/6300/6600

	X-dock Master	X-dock Module Pac	X-dock Module X-am 125	X-dock Module X-am 125+
Weight	Approx. 1500 g	Approx. 900 g	Approx. 920 g	Approx. 960 g
X-dock Master dimensions	Approx. 120 x 130 x 250 mm			
X-dock Module dimensions	Approx. 90 x 145 x 250 mm			
Protection class IP20	Yes			
Power supply	Via 24 V (8321849 & 8321850) power supply or car adapter			
Approvals	CE marking			
Ambient conditions	0 ℃ to 40 ℃			

Gas connections

Dräger X-dock® 5300 / 6300	3 test gas inlets for connecting 3 different test gases + one fresh air inlet + one waste gas outlet
Dräger X-dock® 6600	6 test gas inlets for connecting 6 different test gases + one fresh air inlet + one waste gas outlet

Connections

USB 2.0	3 USB 2.0 devices/1 USB host
Network connection	Yes

Ordering Information

Ready-to-use versions

X-dock® 5300 X-am 125	X-dock Master including X-am 125 module and power supply. 3 test gas connections. Limited to one module.	8321880
X-dock® 5300 Pac	X-dock Master with Pac module and power supply. 3 test gas connections. Limited to one module.	8321881

Master versions

X-dock® 6300 Master	3 test gas connections. Can be expanded to 10 modules	8321900
X-dock® 6600 Master	6 test gas connections. Can be expanded to 10 modules	8321901

Modular versions

X-dock Module X-am 125		8321890
X-dock Module X-am 125+	allows charging X-am 125 devices	8321891
X-dock Module Pac		8321892

Power supply

24 V/1.3 A plug-in power supply	Up to 3 modules	8321890
24 V/5 A plug-in power supply	Up to 10 modules	8321891
12 V car adapter supply		8321892

Ordering Information

X-dock Managers

Dräger X-dock Manager Standard		8321860
Dräger X-dock Manager Professional		8321870
Additional licence for Dräger X-dock Managers (both versions)		8321857
5 additional licences for Dräger X-dock Managers (both versions)		8321858

Accessories

0.5 bar constant-pressure valve for test gas cylinder		8321856
Wall mount, standard		8321922
Wall mount, comfort (adjustable tilt angle)		8321910
X-am 125 module seal cartridge		8321986
Pac Module seal cartridge		8321987
Filter for fresh air pump inlet		8319364
Viton hose		1203150
Cylinder holder (table version)		8321918
Cylinder holder for DIN rail/wall mount		8321928
Outer barcode label 22 x 8 mm (500 pcs. per roll)		AG 02551
Barcode scanner	CINO FBC6860LR	8318792

Notes

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