

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

The Dräger X-dock® provides a modular solution for bump/functional testings, calibrations, and storage of documentation.



Benefits

Work smarter, work safer

The X-dock® engineered advantage starts with intuitive touchscreen operation at the master controller station with up to three pre-configured test routines. Testing is as simple as inserting your Dräger gas detection instrument and closing the lid. The X-dock® immediately detects all sensor combinations and automatically tests and adjusts using the connected calibration gases. All generated data is documented in the database.

Comprehensive documentation

All relevant data from the test is collected for detailed evaluations providing the tools for unparalleled analytics. The report wizard can be used to create customized reports and calibration certificates can be printed at the stations via compatible USB printers. Also documented are items such as instrument operational status, name of tester, and location of tests.

Convenience and control

The Gas Detection Connect software produces a detailed evaluation of the data in the calibration system and gas detection instruments and presents the information in various graphics and statistical models—providing you with a comprehensive overview of all results. Multiple X-dock® systems can be connected in a network giving all users access to data in a central database.

Configurations for every need

The Dräger X-dock® is available in multiple configurations to allow for flexibility, depending on the type of detection instrumentation being used.

The X-dock® 5300 includes a master controller with a module for a single gas detection instrument in the X-am® or Pac family of products. The X-dock® 6300 and 6600 versions can be easily configured. It consist of a master controller and can be expanded up to 10 modules for X-am® 1/2/5000 and/or Pac single gas detection instruments. For the X-am 3500/8000 it can be expanded up to 5 modules.

Reduced test gas use means reduced costs

With a reduced gas flow (300 mL/min instead of 500 mL/min = 40% decrease) per module, you save money on test gases. Short testing times also reduce the overall maintenance requirements. Dräger's patent pending innovative valve concept only needs one pump, which means less wear on parts for you. The valves automatically switch the test gases and the fresh air source as well.

Time is money. You save both with the X-dock®

Up to 10 modules can be connected to the X-dock®, allowing you to test gas detection instruments simultaneously or independently of each other. The automatic bump test also saves time, because the Standard

Benefits

Bump test takes about 8 to 15 seconds. All Dräger test gas cylinders are already stored in the database—just enter the part number to automatically fill the fields required for the gas configuration, eliminating the need for manual data entry.

Further Benefits

- Touchscreen operation at the master controller station
- Up to three configurable test routines
- Automatic permeability tests
- Automatic tests of all alarm elements (acoustic, visual and vibration alarms)
- Optional charging function for X-am®
- Easy to replace seal cartridge
- 12V operation (e.g., in vehicles) available
- Can be expanded up to max. 10 modules (X-dock® 6300/6600)
- Sensor performance testing

System Components



Calibration gas and accessories

For the safe operation of devices, applicable regulations and statutory provisions are to be met and complied with. Therefore, regular calibrations and function tests are necessary. Different systems are available so that products meet a wide range of calibration requirements.

System Components



D-109350-2013

Pressure reducer

0.5 LPM for connection to the test gas cylinder



D-47836-2012

X-dock® 5300 X-am® 125

- X-dock® Master including X-am® 125 module and power supply
- Three test gas connections
- Single module design



D-10380-2009

Viton hose

Connects the gas cylinder to the X-dock station



D-47820-2012

X-dock® 5300 Pac

- X-dock® Master including Pac module and power supply
- Three test gas connections
- Single module design

System Components

D-47910-2012



X-dock® 6300 Master

- Three test gas connection
- Can be expanded to 10 modules for X-am 125 and/or Pac
- Can be expanded to 5 modules for X-am 3500/8000

D-47912-2012



X-dock® 6600 Master

- Six test gas connection
- Can be expanded to 10 modules (5 for X-am 3500/8000 Series)
- Can be expanded to 10 modules for X-am 125

D-52814-2012



X-dock® Module X-am® 125

Supports Dräger X-am® 1/2/5x00 devices

D-52815-2012



X-dock® Module X-am® 125+

Allows charging of Dräger X-am® 1/2/5x00 devices

System Components

D-27823-2017



Module X-am® 3500/8000

Supports Dräger X-am® 3500/8000 devices

D-27822-2017



Module X-am® 3500/8000+

Allows charging of Dräger X-am® 3500/8000 devices

D-52815-2012



X-dock® Module Pac

Supports Dräger Pac devices

D-47926-2012



24 V/1.3 A plug-in power supply

Up to 3 modules

System Components

D-47926-2012



12 VDC car adapter supply

12 VDC (vehicle use), ex: in vehicles

D-47917-2012



24 V/5 A plug-in power supply

Up to 10 modules

Accessories

D-47916-2012



Comfort wall bracket with adjustable tilt wall mount

Easy fastening by mounting on a standard DIN rail or directly wall-mounted

Accessories



D-52820-2012

Cylinder holder for rail/wall mount

Easy fastening for installing the test gas cylinder mounted on a standard DIN rail or directly wall-mounted



D-47928-2012

Wall mount

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



D-47882-2012

Test gas cylinder holder with test gas cylinder

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



D-34535-2009

Fresh air inlet filter

Protects the X-dock from water and particulates

Related Products



ST-740-2006

Dräger Bump Test Station

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

Technical Data

Dräger X-dock® 5300/6300/6600

	X-dock® Master Controller	X-dock® Module Pac	X-dock® Module X-am 125	X-dock® Module X-am 125+	X-dock® Module X-am® 8000	X-dock® Module X-am®8000+
Weight	Approx. 3.3 lbs	Approx. 1.98 lbs	Approx. 2 lbs	Approx. 2.11 lbs	Approx. 2.70 lbs	Approx. 3.19 lbs
X-dock® Master Controller dimensions	Approx. 4.7 x 5.11 x 9.84 in (119 x 130 x 250 mm)					
Pac®/X-am® 125 module dimensions	Approx. 3.54 x 5.71 x 9.84 in (90 x 145 x 250 mm)					
X-am® 3500/8000 module dimensions	Approx. 4.80 x 5.71 x 9.84 in (122 x 145 x 250 mm)					
Protection class IP20	Yes					
Power pack/ power supply	24 V (8321849 & 8321850) power pack or car adapter					
Approvals	CE marking					
Ambient conditions	32 to 104 F (0 to 40 C)					

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: Ethernet
Internal Memory Size	2GB

Notes

Notes

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