



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.

Dräger X-dock 5300/6300/6600



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 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 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.

Always an up-to-date fleet of devices

The X-dock helps you to keep your devices up to date with the latest firmware. The cloud-based software solution Dräger Gas Detection Connect always provides the X-dock with the latest device firmware for X-am 2800/5800 and Pac devices too. If required, these can be updated automatically during testing or adjustment in the X-dock. The X-dock is also automatically supplied with new updates, which can be carried out locally or even remotely via web access.

Enhanced security through comprehensive documentation

Need to verify if your devices are ready for use? When was each device tested, by whom, and what were the results? The X-dock stores all relevant data and reads the collected information from the gas detection devices for later analysis — giving you full control. Additionally, with a compatible printer, you can directly print a calibration or test certificate at the stations. This ensures you are always prepared for all requirements according to T021/T023 of BG RCI and the corresponding EN standards.

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 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

You can connect up to 10 modules to the X-dock at the same time and thus test the gas detectors in parallel, but also independently of each other. The automatic bump test also saves time and gas. Test times (opening of the gas valves) of less than 10 seconds are possible for standard gases! Compared to the Dräger Bump Test Station, the bump test has been optimized even further.¹ All Dräger test gas cylinders are already stored in the database - when you enter the part number, the required fields for the gas configuration are automatically filled in. This saves you having to enter them manually.

¹ for standard sensors: CH₄, O₂, CO, H₂S

Benefits

Additional benefits

- Touchscreen operation at the master station
- Three configurable test routines
- Automatic leak tests
- Automatic alarm testing
- Optional charging function for X-am 1/2/5x00, 3500/8000
- Replaceable sealing cartridge
- 12 V operation (e.g., in vehicles) possible
- upgradeable to a maximum of 10 modules (X-dock 6300/6600)
- Sensor response time verification

Fleet management software: Expand your options

The gas detector fleet always under control! With Dräger Gas Detection Connect, you can network the X-dock stations for greater efficiency. Your benefits:

- Evaluated data from the calibration system and the gas detectors at a glance
- Certificates and reports, tests performed, alarms automatically documented
- Edit device configurations centrally without having to bring each device into the workshop
- Email notifications when inspection is required or intervals have expired
- Monitor operational readiness and utilization of test stations

System Components

D-27817-2017



X-dock 5300 X-am 8000

X-dock Master including X-am 8000 module and power supply. 3 test gas connections. Limited to one module.

D-47798-2012



X-dock 5300 X-am 125

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

D-2744-2018



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

System Components

D-47912-2012



X-dock 6600 Master

6 Test gas connection. Can be expanded to 10 modules

D-27824-2017



X-dock Module X-am 8000 und X-am 8000 (+)

Supports Dräger X-am 3500/8000 devices

D-52814-2012



X-dock Module X-am 125 and X-am 125 (+)

Supports Dräger X-am 1/2/5x00 devices

D-52815-2012



X-dock Module Pac

Supports Dräger Pac devices

System Components

D-40484-2021



Gas Detection Connect

Dräger Gas Detection Connect is your connection to the digital future of occupational safety. The system connects individual Dräger products through a smart software solution. Thanks to location- and time-independent access, you manage your equipment optimally and always have the position and status of your gas detection equipment and workers available. So you can protect your workforce and increase the efficiency of your plant at the same time.

D-109350-2013



Pressure reducer

- 0.5 bar constant pressure regulator
- 0.5 bar constant pressure regulator "flow stop"
- 0.5 bar constant pressure regulator "stainless steel"

D-47926-2012



12 V car adapter supply

12 V operation available, e.g. in vehicles

D-50855-2015



3 m PVC hose with internal PTFE hose

Outer diameter: 8 mm

Inner diameter: 4.7 mm

System Components

D-50851-2015



FKM hose

Solvent-resistant

Available in four lengths:

- Inner diameter 3.2 mm, length 5 m (16.4 ft)
- Inner diameter 3.2 mm, length 10 m (32.8 ft)
- Inner diameter 3.2 mm, length 20 m (65.6 ft)
- Inner diameter 3.2 mm, length 45 m (147.6 ft)

D-2753-2018



FKM adapter

10 cm

Accessories

D-47918-2012



Comfort wall bracket with adjustable tilt wall mount

Easy fastening by mounting on 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.

Related Products

D-24997-2020



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.

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+	X-dock Module X-am 8000	X-dock Module X-am 8000+
Weight	Approx. 1,500 g	Approx. 900 g	Approx. 920 g	Approx. 960 g	Approx. 1,320 g	Approx. 1,400 g
X-dock Master/Module dimensions	Approx. 120 x 130 x 250 mm	Approx. 90 x 145 x 250 mm	Approx. 90 x 145 x 250 mm	Approx. 90 x 145 x 250 mm	Approx. 122 x 145 x 250 mm	Approx. 122 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 °C 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
Network connection	Yes

Ordering Information

Ready-to-use versions

Dräger X-dock Configurator	Complete system with pressure reducer, hoses and fastening material. The modules (max. 5 X-am 8000 modules or 10 X-am / Pac modules) and the master are completely assembled, tested and delivered "ex works" according to the order. The power supply unit (8321850) is automatically included.	83 28 300
Dräger X-dock 5300 X-am 8000	X-dock Master including X-am 8000 Module and power supply. 3 test gas connections. Limited to one module.	83 21 882
Dräger 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.	83 21 880
Dräger X-dock 5300 Pac	X-dock Master with Pac module and power supply. 3 test gas connections. Limited to one module.	83 21 881

Master versions

Dräger X-dock 6300 Master	3 test gas connections. Can be expanded to 10 modules	83 21 900
Dräger X-dock 6600 Master	6 test gas connections. Can be expanded to 10 modules	83 21 901

Modular versions

Dräger X-dock Module X-am 8000		83 21 893
Dräger X-dock Module X-am 8000 (+)	allows charging of X-am 8000 devices	83 21 894
Dräger X-dock Module X-am 125		83 21 890
Dräger X-dock Module X-am 125 +	allows charging X-am 125 devices	83 21 891
Dräger X-dock Module Pac		83 21 892

Power supply

24 V/1.3 A plug-in power supply	Up to 3 modules	83 21 849
24 V/5 A plug-in power supply	Up to 10 modules	83 21 850
12 V car adapter supply	Up to 5 modules	83 21 855

Ordering Information

Gas Detection Connect

GDC Intro license includes: access, infrastructure, connection of up to 99 X-dock stations or ConHubs, 10,000 credits, valid for one year after activation	37 19 332
GDC Basic license includes: access to IT infrastructure (data storage, maintenance, automatic feature updates, troubleshooting). 24/7 support, valid for one year, with annual renewal	37 19 809
GDC Asset license includes: definable number of X-dock stations or ConHubs, requires the Basic license	37 19 810
GDC Asset Lite includes: one X-dock station, not expandable, does not require a Basic license	37 19 811

Accessories

0.5 bar constant-pressure valve, nickel-plated		83 24 250
0.5 bar constant pressure valve, nickel-plated	Valve closes immediately when hose is removed and with flow stop	83 24 251
0.5 bar constant pressure valve, stainless steel	Stainless steel valves are recommended in particular for use with Cl ₂ and PH ₃	83 24 252
Hose clamp packed (5 pcs.)	for the optimized connection of pressure reducers and hoses for heavy tensile loads	83 24 095
Wall mount, standard		83 21 922
Wall mount, comfort (adjustable tilt angle)		83 21 910
X-am 8000 module seal cartridge		83 26 543
X-am 125 module seal cartridge		83 21 986
Pac Module seal cartridge		83 21 987
Filter for fresh air pump inlet		83 19 364
Hose FKM 5m	ideally suited to connect test gas cylinders with X-dock	12 03 150
Hose PTFE 3m		83 26 980
FKM adapter		83 24 098
Cylinder holder (table version)		83 21 918
Cylinder holder for DIN rail/wall mount		83 21 928
Dräger X-dock transport case	For an X-dock 5300 or an X-dock 6x00 with max. 2 modules	45 30 393
Outer barcode label 22 x 8 mm (500 pcs. per roll)	ideal for attaching to X-am 125 and Pac series clips	AG 02551
Barcode scanner	CINO FBC6860LR	83 18 792

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