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.

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

X-dock 5300

USB and network connections

D-2745-2018

X-am® 3500/8000 (+), X-am® 125 (+) or Pac® module

All tubing and electrical connections located inside the device

X-dock 6x00: up to 10 modules

Dräger. Technology for Life®

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.

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. In addition, you can print out a calibration or test certificate directly from the stations using a compatible printer. 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. The automatic bump test also saves time, because the test only takes 8 to 15 seconds[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

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, 3500/8000
– 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

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.

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
– Parameterization of gas meters via templates
– Configurable tables with information about devices including export option

System Components

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.

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
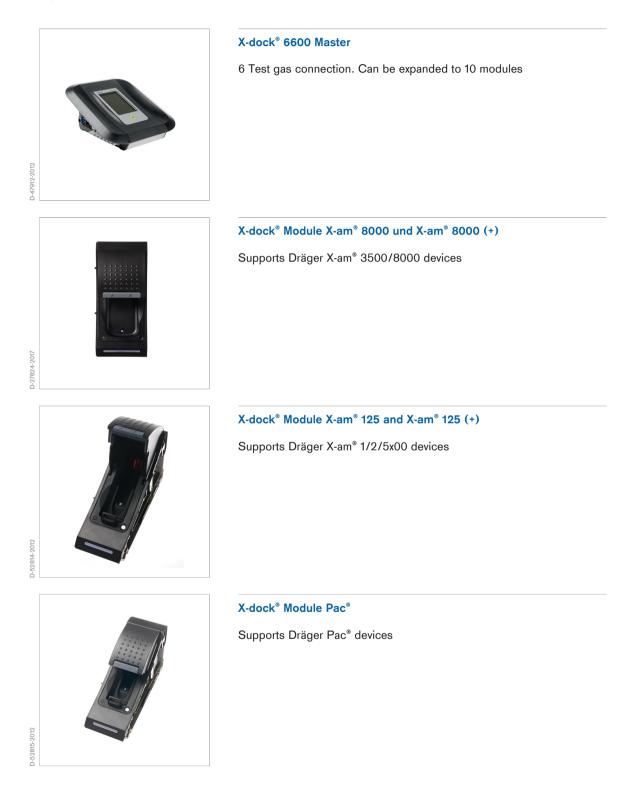

X-dock® 5300 Pac®

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

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-17452-2018

X-dock® Manager Single

The X-dock® Manager is the asset management software for Dräger gas detectors. It offers the possibility to track different intervals as well as to produce test documentation and statistics reports. The single license allows the use of an X-dock® station, e.g. in a workshop. It is unlimited in time.

D-17452-2018

X-dock® Manager Network

The network license includes the same functionality as the Single license, but any number of networked X-dock® stations can be connected. The license is limited to one year, but can also be considered as automatic subscription with significant price advantage.

D-10935O-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

System Components

D-50855-2015

3 m PVC hose with internal PTFE hose

Outer diameter: 8 mm
Inner diameter: 4.7 mm

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

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.

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® 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
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
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

X-dock® 6300 Master	3 test gas connections. Can be expanded to 10 modules	83 21 900
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
X-dock® Module X-am® 125		83 21 890
X-dock® Module X-am® 125+	allows charging X-am® 125 devices	83 21 891
X-dock® Module Pac®		83 21 892

Ordering Information

Power supply

24 V/1.3 A plug-in power supply	Up to 3 modules	83 21 890
24 V/5 A plug-in power supply	Up to 10 modules	83 21 891
12 V car adapter supply		83 21 892

X-dock® Managers

XDM Single licence (unlimited)		83 28 605
XDM network license (1 year)		83 28 606
XDM network license		83 28 607

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 Cl2 and PH3	83 24 252
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
FKM hose		12 03 150
Cylinder holder (table version)		83 21 918
Cylinder holder for DIN rail/wall mount		83 21 928
Outer barcode label 22 x 8 mm (500 pcs. per roll)		AG 02551
Barcode scanner	CINO FBC6860LR	83 18 792

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS
Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

REGION DACH
Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE
Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA
Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC
Draeger Singapore Pte. Ltd.
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

**REGION CENTRAL
AND SOUTH AMERICA**
Dräger Panama S. de R.L. 59 East
Street, Nuevo Paitilla
House 30, San Francisco Town
Panama City, Panama
Tel +507 377 9100
Fax +507 377 9130
servicioalcliente@draeger.com

**Locate your Regional Sales
Representative at:
www.draeger.com/contact**