



Dräger ConHub Gateway

Automated area monitoring gives you maximum safety with a minimal workload. The explosion-proof Dräger ConHub serves as a gateway that automatically connects your Dräger gas detectors from any location to Dräger Gas Detection Connect, our live monitoring solution. This helps you monitor vulnerable areas more closely, so you get the most out of your gas detection system, while also improving safety at your location.

Dräger ConHub



Dräger ConHub



Benefits

Innovative, advanced area monitoring

The Dräger ConHub is an easy solution for optimising your daily monitoring activities. It transmits device data and alarms from the Dräger X-zone 5X00 area monitor via a Modbus cable as well as data from up to 20 Dräger X-am 2800/5800 and Pac devices with Bluetooth® function to the Dräger Gas Detection Connect cloud solution.

All these Bluetooth® equipped devices automatically connect with the ConHub if they are within its range of up to 100m line of sight. This ensures a live flow of data from all the devices inside the area you are monitoring. The ConHub has a built-in GPS receiver to automatically detect its own position and indicate where the detectors are located. It transfers data to the cloud via your choice of WiFi®, LTE or a wired internet connection.*

The portable devices not only serve as personal gas detectors for monitoring the ambient air, but also enhance traditional area monitoring with the help of the gateway. The transmission of measured values and alarms to Gas Detection Connect increases safety at maintenance sites, in the event of accidents or during a shutdown.

Low-cost, flexible live monitoring

The ConHub is a cost-effective solution for implementing live monitoring at your location. Use the gateway's cloud connection anywhere you require deeper insights into your gas detection system. In less critical areas, your detection devices continue to serve as classic personal gas detectors. You only pay connection fees when the portable detectors are actually connected with the ConHub.

All of the devices mentioned above offer full connectivity and can be permanently connected for each specific user via the smartphone app. There's no need for any additional devices for special applications.

You can benefit from our favourable "pay per use" conditions for live monitoring in Dräger Gas Detection Connect and high flexibility.

Continuous use, even in Zone 1 sites

The ConHub comes with a rechargeable battery that powers it for up to 60 hours. You also have the option of adding a second battery to double the battery life to 120 hours, the length of a full working week. If you prefer to install a permanent power supply to the ConHub, the Dräger Power Supply Ex is available separately. It includes a 50-metre power cable that runs from a safe area into the explosive/hazardous area. If you require a power solution that is approved for use in Zone 0 environments, connect the Power Supply Ex with a Dräger X-zone 5800 area monitor. The mains adapter is integrated into a cable drum which houses the Power Supply Ex cable for safe transport.

Multiple input/output ports for maximum flexibility

The interfaces on the back of the device offer you multiple connection options. You can connect a digital input or output device via the configurable I/O port.*

Configure and update your devices anywhere

The ConHub offers a wide range of configuration options. Adjust its settings directly in Gas Detection Connect and update the ConHub at the touch of a button, just like a regular device update.

Benefits

Built for sustainability

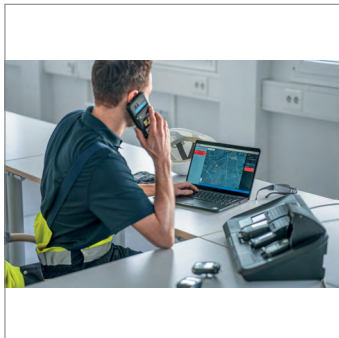
Sustainability was one of our top priorities when developing this product. We designed the system's electrical componentry to be detachable easily from the housing. This means the rechargeable battery and any damaged or permanently soiled components can be simply exchanged by trained personnel. In addition, all the electrical components are easily accessible by design, so they can be repaired or replaced quickly and cost-effectively by DrägerService if necessary.

If you already have a Power Supply Ex system in place to power X-zone 5800 detectors in explosive/hazardous areas, you can continue using it with the ConHub. The technical documentation and packaging are also designed with the environment in mind. Plus, Dräger offers a return and recycle programme for end-of-life devices.

*please contact Dräger on availability of this feature in your country

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-4946-2014



Dräger X-zone 5500

State-of-the-art area monitoring – the Dräger X-zone 5500 in combination with the Dräger X-am 5000 or 5600 gas detection instruments can be used for the measurement of up to six gases and extends the portable gas detection technology to a comprehensive system with many applications.

System Components

D-21254-2020



Dräger X-zone 5800

State-of-the-art area monitoring – the Dräger X-zone 5800 in combination with the Dräger X-am 5000, 5100 or 5600 gas detection instruments can be used for the measurement of up to six gases. The internal pump and continuous power supply in the explosive area of zone 0 extend the range of applications in mobile gas detection technology.

D-3411-2022



Dräger X-am 2800

The X-am 2800 multi-gas detector measures up to four gases and is equipped with a particularly shock-resistant CatEx sensor. With the Dräger Gas Detection Connect software, it offers live data transmission and powerful fleet management. Designed for personal monitoring, the X-am 2800 offers the highest level of safety at a low cost of ownership.

D-9538-2022



Dräger X-am 5800

The X-am 5800 multi-gas detector measures up to six gases and is equipped with a particularly shock-resistant CatEx sensor. With the Dräger Gas Detection Connect software, it offers live data transmission and powerful asset management. Designed for personal monitoring, the X-am 5800 offers you the highest level of safety at a low cost of ownership.

D-45500-2021



Dräger Pac 6500

The robust Dräger Pac 6500 is your reliable companion under tough conditions. The personal single-gas detection device measures CO, H₂ S, SO₂ or O₂ quickly and precisely. Measured data can easily be transmitted into the Dräger Gas Detection Connect system via Bluetooth®. Quick sensor response times and a powerful battery also ensure safety.

System Components

D-45502-2021



Dräger Pac 8000

With the robust Dräger Pac 8000, you'll be well equipped for tough conditions: this non-disposable, personal single-gas detection device is a reliable and precise instrument, which detects hazardous concentrations of 29 different gases, including special gases like NO₂, O₃ or COCl₂. Measured data can easily be transmitted into the Dräger Gas Detection Connect system via Bluetooth®.

D-45510-2021



Dräger Pac 8500

The Dräger Pac 8500 single-gas detection device is a reliable and precise instrument even under the toughest of conditions. Measured data can easily be transmitted into the Dräger Gas Detection Connect system via Bluetooth®. The device can be equipped with a hydrogen-compensated CO sensor or a Dräger dual sensor. This gives you the option of measuring two gases at once: H₂ S with CO, H₂ S with O₂ or O₂ with CO.

D-47907-2012

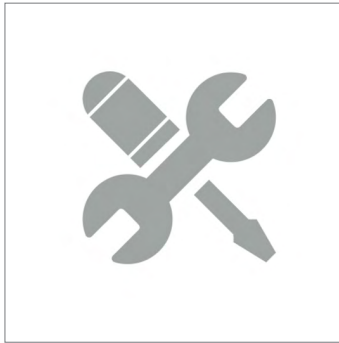


Dräger X-dock 5300/6300/6600

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.

Services

D-2331-2016



Product Service

Our product service provides support with different service packages in our workshops or directly on your premises. Care, maintenance and servicing are crucial for safety and reliability - but careful maintenance and care are a must, even when it comes to commercial considerations. Preventive checks, ongoing care and use of original replacement parts improve the longevity of your investment.

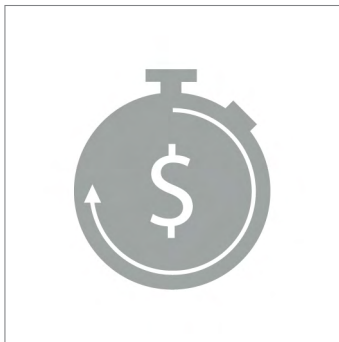
D-2335-2016



Training

The Dräger Academy has been sharing its solid, practical knowledge for over 40 years. We hold more than 2,400 training courses each year on a range of over 600 topics, with more than 110 authorised trainers. We equip your staff with practical knowledge and ensure that what they learn can be applied effectively, both day-to-day and, more importantly, whenever critical situations occur. We are happy to develop a customised training programme for you.

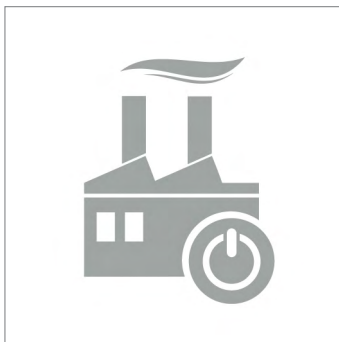
D-2330-2016



Rental Service

From bridging a temporary shortage of equipment to procuring special equipment for applications involving specific requirements: If you only need to cover a temporary higher demand, then Dräger Rental Service with over 65,000 pieces of rental equipment is an economical alternative to purchasing. Fast, straightforward and with a wide range of additional services available upon request.

D-2329-2016



Shutdown Safety Service

In need of a comprehensive safety solution? Is there a long list of legal requirements you have to meet, and are you pressed for time? Balancing maximum efficiency with optimal security can pose major challenges. We can help you achieve that balance. Our Shutdown Safety Service is a solution that takes into account all the necessities of downtime and especially your individual requirements.

Services

D-2332-2016



On-site Safety Service

Whether through a rental shop, personnel services or comprehensive safety management, our On-Site Safety Services provide support in all projects where there are particular safety risks – not to mention normal day-to-day business.

Technical Data

Dräger ConHub

Dimensions (H x W x D)	347 x 284 x 171 mm (13.7 x 11.2 x 6.7 in)	
Weight	approx. 8 kg (17.6 lb) with a rechargeable battery	
Operating conditions	Temperature: -20 °C - max. +50 °C (-4 °F – max. +122 °F) Pressure: 800-1100 mbar Humidity: max. 95%	
Protection rating	IP65	
Visual alarms	LED strips, LED symbols	
Location Information	<ul style="list-style-type: none"> • GPS • Galileo • Manual Location Input 	
Operating times	approx. 60 h at 20 °C (68 °F) with a 92Wh rechargeable battery approx. 120 h at 20 °C (68 °F) with two 92Wh rechargeable batteries Permanent use in explosion-protected and non-explosion-protected areas when used with explosion-protected power supply unit	
Charging times	approx. 12 h Flexible power supply: External charger 100 - 240 V (global)	
External cable connection	Modbus connection to X-zone 5X00 I/O change (not yet available at launch) Passive 4-20mA input (not yet available at launch) Ethernet port to connect to Gas Detection Connect (not yet available at launch)	
External wireless connection	LTE connection to Gas Detection Connect WiFi® connection to Gas Detection Connect Bluetooth® connection to Dräger Pac (Bluetooth®), Dräger X-am 2800, Dräger X-am 5800	
Approvals	EX-Approvals	ATEX: Ex II 2(1)G Ex ib [ia Ga] IIC T4 Gb IECEx: Ex ib [ia Ga] IIC T4 Gb
	EMC RADIO	ETSI EN 301 489-1 (Common requirement) ETSI EN 301 489-3 (Short Range Devices -SRD) ETSI EN 301 489-17 (2.4GHz ISM band) ETSI EN 301 489-19 (RNSS band - GNSS) ETSI EN 301 489-52 (Cellular communication UE)
	LVD	EN 62368-1
	RED	EN 301 908-1 V13.1.1:2019-11(LTE) EN 300 328 V2.2.2:2019-07 (WLAN) EN 300 328 V2.2.2:2019-07 (BLE) EN 303 413 V1.1.1:2017-06 (GNSS)

Power Supply Ex

Dimensions (H x W x D)	350 x 290 x 175mm (13.8 x 11.4 x 6.9 in)
Weight	10 kg (22 lb)

Technical Data

Protection rating	IP 44
Approvals	ATEX: Ex II (1)G [Ex ia Ga] IIC IECEX: [Ex ia Ga] IIC North America: [Ex ia Ga] IIC [AEx ia Ga] IIC
Temperature	-20 °C to +55 °C (-4 °F – max. +131 °F)
Cable length	Cable drum 50 m (164 ft) Kabelfix 0.5 m connection + power cable EU, UK, US, or AUS 3 m

Ordering Information

Dräger ConHub

Dräger ConHub	incl. 1 rechargeable battery without charger	37 29 600
ConHub battery	replacement or spare	37 29 610

Battery charger

Charger set ConHub	To recharge the built-in battery	37 29 611
External charger adapter ConHub	Adapter for the ConHub charger to externally charge 1 to 2 batteries	37 29 653

External connections

Cable ConHub X-zone 5m	Cable for connecting a ConHub with an X-zone	37 29 658
Cable ConHub X-zone 20m	Cable for connecting a ConHub with an X-zone	37 29 657

Transport and fastening

Stand ConHub	Stand for positioning the ConHub at a higher level. Suitable for use in Ex zones	on request
Wall mount ConHub	To mount the ConHub on walls and pipes	on request
Shoulder strap ConHub	Padded shoulder strap	on request

Power supply explosion-protected area

Power Supply Ex 230 V	without cable	83 29 000
Power Supply Ex 110 V	without cable	83 29 010
EU cable		83 29 180
UK cable		83 25 392
AUS cable		83 25 393
USA cable		83 29 049

Gas Detection Connect

Gas Detection Connect GDC Intro license includes: Access, infrastructure, connection of up to 99 X-dock stations / ConHubs, 10,000 credits, valid for one year after activation	37 19 332
GDC basic license includes: Access 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, requires the basic license	37 19 810
GDC Credits includes: Definable number of credits for sending live data, can be ordered in packages of 1,000 credits	37 19 814

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