

# Dräger X-am<sup>®</sup> 5800 Multi-Gas Detector

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.



## Dräger X-am® 5800



#### **Benefits**

#### Powerful data analysis in the cloud

Safety and efficiency thanks to its networking capability: Transfer your recorded data directly and conveniently via Bluetooth® to a smartphone or the Dräger ConHub (gateway) and from there to the backend of the Gas Detection Connect software. As an alternative, you can also transfer the data directly to the cloud with the X-dock test station. This way, you have secure access to your data and its analysis at any time and from anywhere – simply via your internet browser.

#### Comfortable asset management

With the X-am 5800 you can manage your fleet of equipment comfortably and efficiently in daily use. Save operating costs and time through fast tests by using the automatic test station X-dock with low gas consumption or a pure mechanical bump test station. Further advantages: powerful asset management via our smart software solution, convenient firmware updates in the X-dock, an optional RFID transponder and individual colour marking of the devices. Few, easy-to-replace spare parts – including the power supply – and sensors ensure that your devices remain operational for many years. Dräger provides a 4-year manufacturer's warranty on the basic device. Existing, compatible accessories from its predecessor, the X-am® 2500/5000/5600 series can continue to be used.

#### Tailor-made gas monitoring

Small and lightweight: The X-am 5800 is comfortable to wear and easy to use even with gloves on thanks to its large buttons. The display clearly shows important information such as gas readings, alarms and time. The green D-light indicates that the unit is ready for use. All this, plus the completely language-free icon based user interface, makes it pleasantly simple to use and familiarise yourself with. For your added safety, its oxygen channel has four alarm thresholds – real pre-alarms and main alarms for falling and rising concentrations. Approved for use in Ex zone 0, it has also been tested according to protection class IP 68. The device has a manually triggered panic alarm and an optional motionless alarm. Both functions together are called the "Bodyguard" alarm.

#### **Powerful sensors**

The new CatEx sensor offers you even more advantages: readiness for calibration within seconds, extreme robustness against shocks and the measurement of flammable vapours – such as petrol, diesel and nonane. You can also set the measurement gas to methane, propane, hydrogen, and many other gases. The performance is complemented by Dräger's simple cross calibration concept, in which the measurement gas, calibration gas and bump test gas can be specified individually. Upon testing, the X-am 5800 then takes over the necessary conversions. The sensor is target to meet the demanding requirements of the new IEC standard 60079-29-1 (International Electrotechnical Commission).

At the same time, the CatEx sensor is resistant to poisoning substances such as silicones and other harmful substances. This combination of properties is exceptional. With years of experience in sensor technology, Dräger develops and produces the sensors itself, including the powerful and durable electrochemical sensors in the XXS format. Your advantage: sensors and device are perfectly matched to each other – saving you operating costs. A robust infrared sensor for measuring combustible gases and vapours and/or carbon dioxide or a photoionisation detector for measuring volatile organic compounds (VOCs) are also available.

### **Benefits**

#### Focus on sustainability

During the development of the X-am 5800, great importance was given to sustainability. The optimised Dräger Sensors and the rechargeable power supply, which can be easily replaced with one screw, ensure it has a long service life. Almost all spare parts can be replaced by trained users, while all remaining parts can be repaired by DrägerService. Furthermore, existing accessories from the previous series can still be used. Environmental protection has also been taken into account in the technical documentation and packaging: Designed to save paper, when you order two or more units, we can reduce the number of instruction manuals supplied if you order the modular version. For your convenience, Dräger also takes back old devices and ensures that they are recycled properly.

	Dräger X-am® 2800	Dräger X-am® 5800
Portfolio fit	This is the "connected" standard 1 – 4 gas monitor for Personal Air Monitoring (and Confined Space Entry in combination with the X-am pump)	This is the "connected" 1 – 6 gas monitor for Personal Air Monitoring and Confine Space Entry (in combination with the X-a pump) and AREA monitoring (with X-zono
Number of gas channels	1 – 4	1 – 6
Bluetooth	yes*	yes*
System components		
X-dock	yes	yes
Bumptest Station	yes	yes
Gas Detection Connect	yes	yes
CC Vision / Gas Vision	yes	yes
X-zone 5500/5800	no	yes**
X-am Pump	yes	yes
Sensors		
Sensor slots	1 x CatEx / 3 x XXS Sensors	1 x CatEx / XD-IR / PID neo / 3 x XXS (1 x Dual XXS)
CatEx sensor (CatEx SR)	yes	yes
IR sensor (XD-IR)	no	yes
PID neo	no	yes
XXS Standard sensors (O <sub>2</sub> , CO LC, H <sub>2</sub> S LC, SO <sub>2</sub> , NO <sub>2</sub> )	yes	yes
XXS Special sensors	no	yes
CatEx full range function	no (but thermal conductivity can be activated so that no blocking alarm occurs for gas methane)	yes (for measurement gas methane)
"Toxic twin" function	no	yes
Bodyguard function: motionless monitoring / manual distress alarm	yes	yes
IR LEL-sensor + XXS H <sub>2</sub> HC: signal combination	no	yes
Logistics		
Configurator (customer/country individual settings)	yes	yes
Discrete part number	yes	no
VN-Numbers (Janus): Customer / Country individual order numbers	yes	yes
Basic instrument part number (no sensors, no battery)	yes	yes

x-am-2800-5800-tabelle-en

### **System Components**



#### **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



#### 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.



#### **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.



#### Test gases and accessories

Everything according to regulations: For the safe operation of devices, it is necessary to comply with directives and legal regulations. Regular calibrations and function tests are therefore necessary. Various systems support you in this.

### **System Components**



#### Dräger CC-Vision® & Dräger Gas-Vision®

PC software for setting parameters, testing and adjusting and reading out the data logger



#### **Dräger ConHub**

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.

\*Expected to be available in summer 2024

### **Accessories**



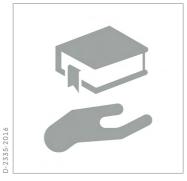
Charging set for X-am 2800

#### **Services**



#### **Product Service**

Our product service department supports you with a range of service packages – in our shops or on site in your plant. Care, servicing and maintenance are key factors when it comes to safety. Diligent maintenance and care is also absolutely necessary from an economics perspective. Preventive checks, service procedures and original replacement parts make your investment last longer.



#### **Training**

The Dräger Academy has imparted well-founded and practical knowledge for over 40 years. With over 110 authorized trainers and more than 600 available topics, we conduct more than 2,400 training sessions per year. We equip your employees with the knowledge required for real-life situations and ensure that the learned material can be recalled and applied reliably – in their everyday work and especially in stressful situations. To meet your needs, we are also happy to develop a customized training program specifically for you.



#### **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 DrägerRental 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.

#### **Related Products**



#### 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.



#### Dräger X-am<sup>®</sup> 3500

The Dräger X-am® 3500 was especially designed for clearance measurements. The 1 to 4 gas detector reliably detects flammable gases and vapours as well as  $O_2$ , CO,  $H_2S$ ,  $NO_2$  and  $SO_2$ . The innovative signalling design and extensive range of accessories ensure optimum safety and easy handling.



#### Dräger X-am® 8000

Clearance measurement was never this easy and convenient: The 1 to 7 gas detector detects toxic and flammable gases as well as vapours and oxygen all at once – either in pump or diffusion mode. Innovative signalling design and handy assistant functions ensure complete safety throughout the process.

### **Technical Data**

Dimensions (H x W x D)	130 x 48 x 44 mm (5,12 x 1,89 x 1,73")	
Weight	typically 220 to 250 g, depending on sensor equipment	
Housing	robust 2-component housing	
Display	Matrix display with high resolution	
Ambient conditions		
Temperature	-20 to +50°C (Measurement and storage) -20 to +50°C (Use in potentially explosive atmospheres, with PID sensor) -40 to +50°C (Use in potentially explosive atmospheres)	
Pressure	700 to 1,300 mbar (Measurement) 800 to 1,100 mbar (Use in potentially explosive atmospheres)	
Relative humidity	10 to 95 % r.h.	
	5 to 95 % r.h. short term	
Protection class	IP 68	
Pressure	3 LED 'yellow' (device alarms)  Multi-tone > 90 dB at 30 cm	
Alarms		
	Multi-tone > 90 dB at 30 cm	
Vibration		
More technical specifications  Energy supply	NiMH battery, rechargeable, replaceable by user	
Bluetooth®	Bluetooth 5.0 (disabled for some countries outside the EU and outside North America, but can be retrofitted. Contact DrägerService.)	
Operating times	CatEx: typically 12 h (Bluetooth® active), PID: typically 24 h (Bluetooth® active), Infrared sensor: typically 100 h	
	Operating with electrochemical sensors only: typical 100 h	
Charging time	< 4 h	
Ready for Measurement	< 60 s after switch-on (CatEx and electrochemical sensors)	
Data logger	Application of an optimised data compression method with high accuracy and large storage capacity.  (Typically data compression >90 % compared to the traditional data logger concept with adjustable interval)	

### **Technical Data**

#### Approvals

Marking Explosion protection:			
ATEX	I M1 Ex da ia I Ma		
	II 1G Ex da ia IIC T4 Ga (usable in Ex-Zone 0)		
IECEx	Ex da ia I Ma		
	Ex da ia IIC T4 Ga (usable in Ex-Zone 0)		
cCSAus (USA and Canada)	CSA approval cCSAus		
	Class I, Zone 0, AEx da ia IIC T4/T3 Ga		
	Class I, Groups A, B, C, D		
	Class II, Division 1, Groups E, F, G		
EAC	PO Ex da ia I Ma X 0Ex da ia IIC T4 Ga X		
Directives	2014/34/EU (ATEX)		
	2014/53/EU (RED)		
	2011/65/EU (RoHS)		
Manufacturer's warranty			
4 years for the device (electronics and housing)			
3 years for the following sensors: XXS CO LC, XXS H2S LC, XXS $O_2$			
Other sensors: See DrägerSensor® & gas detection device handbook			
1 year for the power supply (accumulator)			

#### Dräger X-am® 5800

Part numbers	Order no.
Dräger X-am® 5800 Basic (without sensors, power supply/battery or charger)	37 03 888
Country versions or customer versions with individual settings (e.g. alarm thresholds) and individual sensor configurations	on request, please contact Dräger
Configurator	
Dräger X-am® 5800 (configurator) consisting of: Basic device (with data logger), Calibration and manufacturer certificate will be provided by Dräger, Quick guide and safety instructions enclosed, Configurator: up to 4 sensors can be selected, sensor configuration can be changed later in product life. Customer-specific settings (firmware) can be selected when ordering, examples: Measurement gas for the Ex sensor (factory setting: methane), alarm thresholds, alarm behaviour, quick menu options, D-light etc. Power supply (battery) optional (factory setting: with battery), without charger	37 03 850
Manual/Instruction for use: de, en, fr, es, pt, it, nl, ru, zh, ja	Available as download on the product page / www.draeger.com/ifu in the Internet. Part number: 93 00 307
Manual/Instruction for use available in other languages: da, fi, no, sv, pl, hr, sl, sk, cs, bt, ro, hu, el, tr, ko, et, lv, lt, kk	Available as download on the product page /www.draeger.com/ifu in the Internet. Part number: 93 00 428
Technical manual available in the following languages: de, en, fr, es, ru,	Available as a downloaded on the product page: www.draeger.com/ifu in the Internet. Part number: 93 00 310
Selectable device options when placing the order	Number of instructions for use (for order n > 1)
	Bluetooth® communication protocol for integration into third-party systems (GATT licence)
	RFID transponder
Bluetooth® communication protocol (GATT licence) for subsequent activation	_
Dräger X-am® Open GATT licence (1 pc.)	37 23 353
Dräger X-am® Open GATT licence (10 pcs.)	37 23 354
Dräger X-am® Open GATT licence (50 pcs.)	7 23 355
Slot 1: CatEx sensor / XD-IR sensor or PID neo sensor, as soon as available	
Slot 2 – 4: XXS-format electrochemical sensors, including 1 dual sensor	

Dräger Sensors	Sample gases	Measuring range	Resolution	Expected service life	Order no.
CatEx SR (Shock Resitant) <sup>1) 2)</sup> (factory setting: methane, other measuring gases selectable)	methane, further gases adjustable (propane, pentane, nonane, hydrogen and many more)	0 - 100% LEL	1% LEL, 0.01% LEL for Methane with selection ch4L (Methane, leak search)	> 4 years	68 51 900
	methane	0 – 5 vol%	0.1 vol%		
XD-IR Ex <sup>1) 2)</sup>	methane, other test gases can be selected (propane, pentane, nonane and many more)	0 - 100% LEL	1% LEL	> 4 years	68 00 202
XD-IR CO <sub>2</sub> <sup>1)</sup>	carbon dioxide	0 - 5 vol% CO <sub>2</sub>	50 ppm CO <sub>2</sub> 0.01 vol% CO <sub>2</sub>	> 4 years	68 00 203
XD-IR Ex/CO <sub>2</sub> <sup>1) 2)</sup>	methane, Further test gases can be selected (propane, pentane, nonane and many more)	0 - 100% LEL	1% LEL	> 4 years	68 00 201
	carbon dioxide	0 - 5 vol% CO <sub>2</sub>	50 ppm CO <sub>2</sub> 0.01 vol% CO <sub>2</sub>	> 4 years	
PID HC neo	Volatile Organic Compounds (VOC)	0 – 2,000 ppm Isobutene 0 – 1,000 ppm Benzene	Depending on test value, starting at 0.3 ppm	> 3 years	68 00 417
Spare part kit: PID HC neo upgrade kit: Sensor and sensor cushion					37 03 907
XXS O <sub>2</sub> <sup>1)</sup> (4 alarm thresholds)	oxygen	0 - 25 vol%	0.1 vol%	> 5 years	68 10 881
XXS O <sub>2</sub> PR <sup>1)</sup> (4 alarm thresholds, increased robustness)	oxygen	0 - 30 vol%	0.1 vol%	> 5 years	68 00 530
XXS CO LC <sup>1)</sup>	carbon monoxide	0 – 2,000 ppm	1 ppm	> 5 years	68 13 210
XXS H <sub>2</sub> S LC <sup>1)</sup>	hydrogen sulphide	0 – 200 ppm	0.1 ppm	> 5 years	68 11 525
XXS SO <sub>2</sub> (option: with KX filter)	sulphur dioxide	0 – 100 ppm	0.1 ppm	> 3 years	68 10 885
XXS NO <sub>2</sub>	nitrogen dioxide	0 – 50 ppm	0.1 ppm	> 3 years	68 10 884
XXS NO <sub>2</sub> LC	nitrogen dioxide	0 – 50 ppm	0.05 ppm	> 2 years	68 12 600
XXS H <sub>2</sub> S-LC/CO-LC	hydrogen sulphide carbon monoxide	0 to 100 ppm 0 to 2,000 ppm	0.1 ppm 1 ppm	> 3 years	68 13 280
XXS O <sub>2</sub> /CO-LC	oxygen carbon monoxide	0 to 25 vol% 0 to 2,000 ppm	0.1 vol% 1 ppm	> 3 years	68 13 275

XXS O <sub>2</sub> /H <sub>2</sub> S-LC	oxygen hydrogen sulphide	0 to 25 vol% 0 to 100 ppm	0.1 vol% 0.1 ppm	> 3 years	68 14 137
XXS CO H <sub>2</sub> -CP (with compensation for hydrogen, sensor must be hosted on the Dual XXS sensor slot)	carbon monoxide	0 to 2,000 ppm	2 ppm	> 3 years	68 11 950
XXS O <sub>2</sub> 100	oxygen	0 to 100 vol%	0.5 vol%	> 3 years	68 12 385
XXS CO HC	carbon monoxide	0 to 10,000 ppm	5 ppm	> 3 years	68 12 010
(XS H₂S HC	hydrogen sulphide	0 to 1,000 ppm	2 ppm	> 3 years	68 12 015
(XS PH₃	phosphine, other compounds available	0 to 20 ppm	0.01 ppm	> 3 years	68 10 886
KXS PH₃ HC	phosphine	0 to 2,000 ppm	1 ppm	> 3 years	68 12 020
(XS HCN	hydrogen cyanide	0 to 50 ppm	0.1 ppm	> 1.5 years	68 10 887
(XS HCN PC	hydrogen cyanide	0 to 50 ppm	0.5 ppm	> 1.5 years	68 13 165
(XS NH₃	ammonia	0 bis 300 ppm	1 ppm	> 2 years	68 10 888
KXS CO <sub>2</sub>	carbon dioxide	0 to 5 vol%	0.1 vol%	> 1.25 years	68 10 889
XXS OV	ethylene oxide, other compounds available	0 – 200 ppm EO	0.5 ppm EO	> 2 years	68 11 530
(XS OV-A	ethylene oxide, other compounds available	0 – 200 ppm EO	1 ppm EO	> 2 years	68 11 535
(XS NO	nitric oxide	0 to 200 ppm	0.1 ppm	> 2 years	68 11 545
(XS H <sub>2</sub>	hydrogen	0 to 2,000 ppm	5 ppm	> 2 years	68 12 370
(XS H <sub>2</sub> HC	hydrogen	0 to 4 vol%	0.01 vol%	> 2 years	68 12 025
XXS Odorant	tetrahydro- thiophene, other compounds available	0 - 40 ppm	0.5 ppm	> 2 years	68 12 535
XXS Amine	methylamine, other compounds available	0 – 100 ppm	1 ppm	> 1.5 years	68 12 545
KXS Cl <sub>2</sub>	chlorine, other compounds available	0 – 20 ppm	0.05 ppm	> 2 years	68 10 890
XXS O₃ (Ozone)	ozone	0 to 10 ppm	0.01 ppm	> 2 years	68 11 540
(XS COCl <sub>2</sub>	phosgene	0 to 10 ppm	0.01 ppm	> 0.5 Jahre	68 12 005
•	onse time < 15 s (spec gas detection device	•	opane measuring ga	as), other response times:	
<sup>)</sup> Manufacturer's war	ranty: 3 years, The sta	tutory rights for defec	cts remain unaffecte	d	
	for the Ex sensor is po ossible).	ssible (default: settin	g) methane, further	target gas calibration and	

Power supp	ly units/	chargers
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Charging set Basic consisting of a charging module and a plug-in power supply (worldwide)	
Battery and charging set (2.0): NiMH supply unit T4 with charging module and power supply unit (complete set)	
NiMH supply unit T4 (2.0) (contents included in the scope of delivery in part numbers 37 03 850)	37 03 887
Charging adapter (for charging a rechargeable battery without X-am unit)	83 26 101
Charging module	83 18 639
Plug-in power supply (worldwide) for charging 1 unit	83 16 997
Plug-in power supply (worldwide) for up to 5 charging modules	83 16 994
Adapter for power plug (only necessary for 8321849 and 8321850)	83 25 736
Power supply unit 100-240 VAC; 1.33 A for up to 5 charging modules (power supply unit adapter 8325736 additionally required)	83 21 849
Power supply unit 100-240 VAC; 6.25 A for up to 20 charging modules (power supply unit adapter 8325736 additionally required)	83 21 850
Truck charger connection cable 12 V / 24 V for charging module (straight plug)	45 30 057
Truck charger connection cable 230 V for charging module (straight plug, for use on 230 V sockets with the vehicle installation bracket in vehicles)	83 15 675
Truck charger mounting bracket for a Dräger X-am® 1/2/5x00 charging module (base plate and strap). (also requires part number 4530057 or 8315675)	83 18 779
Replacement strap for truck charger bracket	83 18 788

#### **Pump accessories**

r only accessories	
Dräger X-am® Pump (external pump)	83 27 100
GP600 Probe (short, fixed rod probe made of plastic), with Luer connection	83 28 667
Telescopic probe ES 150, stainless steel (connection for filter is included in SN 8319364 (dust/water filter))	83 16 533
Floating probe (transparent), with adapter	83 27 654
5 m FKM hose, 3.2 mm, with adapters	83 25 705
10 m FKM hose, 3.2 mm, with adapters	83 25 706
20 m FKM hose, 3.2 mm, with adapters	83 25 707
45 m FKM hose, 3.2 mm, with adapters	83 25 712
Dust and water filter for pump inlet (replacement filter)	83 19 364
Dust and water filter for pump inlet (replacement filter, 20 pieces)	37 05 997
Confined space entry kit (free measuring) with external pump and 5 m FKM hose	83 27 117
Empty case, with space for X-am® 1/2/5x00, charging accessories, probe, gas cylinder, pump, 3 m hose and much more.	83 27 112
Other probes and hoses	On Request

Calibration	accessories
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Calibration adapter for Dräger X-am® 1/2/5x00	83 18 752
Further versions and accessories Dräger X-dock® accessories	Please contact Dräger.
Automatic test station Dräger X-dock® 5300 (with master) 1/2/5x00	83 21 880
Dräger X-dock® module X-am® 125	83 21 890
Dräger X-dock® module X-am® 125+ (with charging function)	83 21 891
Dräger Bump Test Station for Dräger X-am® 1/2/5x00 (without gas cylinder)	83 19 131
Dräger Bump Test Station for Dräger X-am® 1/2/5x00 incl. gas cylinder 58 L (gas and concentration selectable)	83 19 130
Test gas: CH₄ 2.5 vol%, O₂ 18 vol%, CO 50 ppm, H₂S 15 ppm	68 11 130
Test gas: Other types	Please contact Dräger.
Nonane tester for Dräger X-am® 1/2/5x00	83 20 080
Other accessories (hoses, valves, etc.)	Please contact Dräger.

#### Accessories for measured vakue aquisition and configuration

Dräger CC Vision	Freeware (www.draeger.com/ software)
Dräger GasVision licence key	83 25 646 Trial version (www. draeger.com/ software)
USB DIRA with USB cable, infrared USB communication adapter (note: Positioning is done with the calibration is made with the calibration adapter 8318752).	83 17 409

#### **Dräger Gas Detection Connect**

ntro Licence	37 19 332
ncludes: Access, infrastructure, connection of up to 99 X-dock stations, 5,000 credits, valid for one year afte activation.	r
Basic Licence	37 19 809
ncludes: IT infrastructure (data storage, maintenance, automatic feature updates, troubleshooting).	
24/7 support, access	
Asset licence	37 19 810
ncludes: Definable number of X-dock stations, requires the basic licence	
Asset Lite	37 19 811
ncludes: One X-dock station, non-expandable, does not require a base licence	
Credits	37 19 814
ncludes: Definable number of credits for sending live data, orderable in packages of 1000 credits.	

#### Dräger ConHub

Ex-protected gateway for Dräger Gas Detection Connect	Please contact Dräger
Other accessories	
Leather bag	83 18 755
Transponder reader (for reading the optionally integrated RFID transponder)	65 59 283
Set of stickers X-am® 2800/5800 silver (10x)	37 03 852
Set of stickers X-am® 2800/5800 red (10x)	37 03 853
Set of stickers X-am® 2800/5800 blue (10x)	37 03 854
Set of stickers X-am® 2800/5800 yellow (10x)	37 03 855
Set of stickers X-am® 2800/5800 green (10x)	37 03 856
Set display protection cover X-am 2800/5800 (10x)	37 03 857
E-set Upgrade RFID transponder (5 pcs.) (with adhesive tape) (with adhesive tape)	37 03 898
Seal ring extractor (for changing XXS sensors) (Selected sensors are supplied with a similar tool ex works)	R21402

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