

Important Safety, Warranty and Product Information

pH Monitoring System

Safety, Warranty and Product Information

1. Warranty

smaXtec guarantees that its products fulfil all requirements in order that they may be lawfully placed on the market in the EU. The customer acknowledges that the pH monitoring system (base station and boli) may be used exclusively for the measurement of bovine ruminal pH levels. smaXtec shall guarantee the conservation of the specific properties of the product provided that use of the product begins at the latest by the use by date displayed on the bolus packaging. It shall be clear that the indication of a use by date on the packaging shall not constitute a guarantee by smaXtec. The customer shall be obliged to work in strict adherence with the instructions provided by smaXtec in the user information; this applies particularly in regard to transportation and storage conditions. The customer must inspect delivered goods and immediately provide written notification of any defects. Under these conditions and should the delivered goods in fact be defective, the customer is entitled to legal warranty rights. Warranty claims may be submitted within a maximum of 3 months after expiry of the use by date. smaXtec shall be entitled to choose between repairing or replacing the defective goods.

If the customer submits a warranty claim he is obliged to make data stored on the base station and log files accessible to smaXtec. smaXtec shall be obliged to maintain confidentiality of this data.

The customer acknowledges that an intact internet connection must be available to facilitate use of the free remote maintenance services provided by smaXtec.

2. Important Safety Information



PLEASE NOTE:

Read all safety information and instructions before using the *pH Monitoring System* in order to avoid any injury.

PLEASE NOTE:

Failure to comply with the safety information may lead to fire, electric shock or other injuries and/or damage to the system components.

IMPORTANT NOTICE: The pH Bolus is exclusively designed for use in cattle. Use of the pH Bolus is prohibited in cattle aged under 18 months or weighing less than 450 kg. If in any doubt, please consult your vet.

Explosive atmospheres:

Do not charge or use the Mobile Reader, USB Antenna and/or pH bolus in any area with a potentially explosive atmosphere, such as at a fueling area, or in areas where the air contains chemicals or particles (such as grain, dust, or metal powders). Obey all signs and instructions.

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High-consequence activities:

This device is not intended for use where the failure of the device could lead to death, personal injury, or severe environmental damage.

Handling the pH Bolus – Mobile Reader – USB Antenna

Do not drop the pH Bolus, Mobile Reader and the USB Antenna on the floor. Disassembly, opening, breaking, or bending the pH Bolus, Mobile Reader and the USB Antenna is prohibited. Do not throw the pH Bolus, Mobile Reader and the USB Antenna into an open fire and do not paint it. Do not heat the pH Bolus, Mobile Reader and the USB Antenna in the microwave or in any other oven, and do not insert any objects into the pH Bolus, Mobile Reader and the USB Antenna.

Using the Mobile Reader

Only use the supplied adapter and USB cable to charge and/or connect the Mobile Reader to your PC/laptop. Should any problems occur, please contact your local dealer. As the Mobile Reader, USB Antenna is not waterproof, please ensure it does not come into contact with any liquids and is not exposed to any damp or humid conditions. Please use the protective cover provided. Always keep the battery and the device dry and do not use near water or any other liquids to avoid short circuiting.

Electrical Safety – Mobile Reader

This product is intended for operation with the battery, the supplied adapter or to connect the Mobile Reader to your PC/laptop with the supplied USB cable. Using any other devices can be dangerous and can invalidate your warranty for this product. Only use authorized accessories. Do not connect to any incompatible products or accessories. Do not use damaged cables or chargers or charge the Mobile Reader when moisture is present.

Safety guidelines for properly earthed installation – USB Antenna, Mobile Reader

Connection to a device which is not properly earthed can cause the device to be affected by an electrical shock. This product is equipped with a USB cable for connection to a PC/laptop. Please ensure the PC/laptop is properly earthed before connecting this device to it. The power cable of a PC/laptop contains an earthing conductor as well as an earthing device in the plug. The plug must be connected to an appropriate, properly installed earthed plug socket which meets all relevant laws and regulations.

Safety measures for power supply – Mobile Reader

Only use a properly authorized external power source. For the Mobile Reader only use a power supply, which according to its labeling provides the required electrical power. If you are in any doubt about which power supply is required, please contact an authorized provider or your local power company.

Careful handling of batteries – Mobile Reader

The Mobile Reader contains a lithium-ion battery. If the battery is not handled correctly, there is a risk of fire and burning. Do not attempt to open or repair the

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battery contained in the Mobile Reader. You must not take this battery apart, destroy or make holes in it, cause it to short-circuit, throw it in fire or water or expose it to temperatures over 60°C (110°F).

Safety measures with regard to direct sunlight – Mobile Reader, pH Bolus

Please ensure that the Mobile Reader and or pH Bolus is not exposed extreme temperatures. Please do not leave the device for longer periods of time in a vehicle or in any other place where temperatures can rise to above 60°C (110°F), e.g. on a car dashboard, on a window sill or by a window where the sun can shine directly on to or where it can be affected by UV light. This can cause the device or the vehicle to be damaged and the battery to overheat.

Handling the supplied magnet

A neodymium magnet is built in to the supplied magnet.

Please note that the magnetic fields of various data media (diskettes, hard disks, USB sticks, digital cameras, bank/credit cards, audio and video cassettes) can delete, affect or damage electronic and mechanical components, e.g. pacemakers, monitors, compasses, meters etc.



Please note the safe distances specified by the manufacturer. Always ensure you maintain a safe distance of about 1 metre.

There is no risk of flaking or splintering as the magnet is enclosed in a metal casing. Please also note that the magnet must be kept away from children as there is a danger it could be swallowed.

Scope and handling of the supplied buffer solution (summary of manufacturer's safety data sheet)

First aid measures:

General information: no specific measures required.

Upon respiration: inhale fresh air, in case of complaints consult a physician.

Upon skin contact: the product does not usually cause any skin irritation.

Upon eye contact: rinse the eyes under running water for several minutes, keeping the eyes open.

Protection from liquids and atmospheric exposure – USB Antenna, Mobile Reader

Do not use the USB antenna and the Mobile Reader in rainy conditions, near wash basins or in any other humid environment. Make sure that no liquids come in to contact with the USB antenna and/or Mobile Reader. Should the USB antenna and/or Mobile Reader be exposed to humidity, disconnect it from the desktop/laptop PC. Should the external power source (for Mobile Reader) be exposed to humidity, disconnect all cables from the adapter and/or from the wall outlet.

Use of plugs and connections

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Never use force to plug a lead in to a socket. Check the connection for foreign bodies. If the plug does not fit properly, it is probably not intended for that particular socket. Make sure that plug and socket correspond and that you have aligned the plug correctly with the socket.

Acceptable temperature range for the pH Bolus and the supplied buffer solution.

Make sure the pH Bolus is used exclusively within a temperature range of 20 °C to 50 °C. Lower temperatures may result in a reduction in the battery run time. Store the pH Bolus in the packing, together with the buffer solution, at temperatures ranging from 5 °C to 30 °C.

3. Disposal

Disposal of buffer solution

Recommendation: smaller quantities can be disposed of together with household waste.

Disposal and recycling of the pH Bolus, the Mobile Reader and the USB antenna

These products must be disposed of in accordance with local environmental laws and regulations. Since the pH Bolus, Mobile Reader and the USB antenna are electronic devices and contain a battery, they must be separated from household waste. If necessary, check with local authorities for disposal and recycling options.

smaXtec animal care sales GmbH operates a policy of sustainability and welcomes the return of used pH boluses, Mobile Readers and/or USB antennas in order to ensure the correct disposal of all materials contained. Return the used pH Bolus in the packing to your dealer or send it directly to smaXtec animal care sales GmbH.



European Union – recommendations for disposal:

The above symbol indicates that this product is to be disposed of separately from household waste in accordance with local laws and regulations. Please ensure you dispose of this product at an official collection point. Several collection points accept used products for disposal free of charge. The separated collection and recycling of waste helps to save on raw material reserves and guarantees adherence to all regulations for the protection of human health and the environment.

4. Licensing Information FCC and IC

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Compliance Statement acc. CFR 47, §15.19(a)(3) and RSS-GEN 7.1.3:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Statement 15.21:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

5. European Union - Product Conformity

Products bearing the CE mark comply with the R&TTE Directive (99/5/EC), the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC), as established by the EU Commission. Compliance with these directives implies conformity with the following European norms:

EN 60950-1:2007 Information technology equipment – Safety Part 1

EN 301 489-1:2008 Electromagnetic compatibility and radio spectrum Matters (ERM); Part 1: Common technical requirements

EN 301 489-3:2003 Electromagnetic compatibility and radio spectrum Matters (ERM); Part 3: Specific conditions for SRD, 9 kHz and 40 GHz

EN 300 220-1:2010 ERM for SRD; used in 25 MHz to 1 000 MHz with up to 500 mW Part 1: Technical characteristics and test methods

EN 300 220-3:2000 ERM for SRD; used in 25 MHz to 1 000 MHz with up to 500 mW, Part 3: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

The smaXtec® pH Monitoring System may be used in the following countries:							
AT	BE	BG	CH	CY	CZ	DE	DK
EE	ES	FI	FR	GB	GR	HU	IE
IT	IS	LI	LT	LU	LV	MT	NL
NO	PL	PT	RO	SE	SI	SO	

6. Contact Information

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