

Warranty

Xmark's products are warranted against defects in materials and workmanship and shall perform in accordance with published specifications for a period of one year. Xmark reserves the right to change specifications without notice.

Statements

United States—Federal Communication Commission (FCC)

This device complies with Part 15 of the FCC Rules. 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.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Warning: Changes or modifications not expressly approved by Xmark could void the user's authority to operate the equipment.

Canada—Industry Canada

The term "IC:" before the certification/registration number only signifies that Industry Canada technical specifications were met.

European Union—CE declaration

Xmark hereby declares that this radio frequency transceiver tag is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Limitation of Liability

This Product has been designed for use to assist in the prevention of infant abduction and/or mother/infant mismatching.

The range, accuracy, function and performance of this Product may vary from the published specifications due to many factors, including, without limitation, site impairments from structural effects, metal objects in the vicinity, placement of the receiver and transmitter, interference from other electrical devices, atmo-

spheric effects, installation, and maintenance. There may be other factors, which also affect performance of this Product.

Instantel does not guarantee that this Product will detect 100% of infant abductions and/or mother/infant mismatches. Instantel does not guarantee that this Product will not return false reports of infant abductions and/or mother/infant mismatches.

Monthly testing and maintenance of this Product, as described in the Product documentation, is essential to verify the system is operating correctly and to ensure that the probability of detecting an alarm and/or locating the transmitter are maximized.

The failure to undertake regular testing and maintenance will increase the risk of system failure and failure to detect infant abductions and/or mother/infant mismatches. The failure to undertake regular testing and maintenance will increase the risk of false reports of infant abductions and/or mother/infant mismatches.

Instantel hereby disclaims all warranties, express or implied, arising out of or in connection with any of its Products of the use or performance thereof, including but not limited to, where allowable by law, all other implied warranties or conditions of merchantable quality and fitness for a particular purpose and those arising by statute or otherwise in law or from a course of dealing or usage of trade.

Instantel's liability to you or anyone claiming through or on behalf of you with respect to any claim or loss arising out of the use or misuse of Instantel's Product, defective products or materials, improper installation or maintenance of Instantel's Product or products or the system in which they are incorporated, or alleged to have resulted from an act or omission of Instantel or any person, negligent or otherwise, shall be limited to:

- A) the repair or replacement of defective Product or materials supplied by Instantel during the warranty period as set out in the Product documentation; or, at the option of Instantel,
- B) refund of the purchase price of the Product supplied by Instantel.

In no event shall Instantel be liable for general, specific, indirect, consequential, incidental, exemplary or punitive damages or any losses or expenses suffered by you or anyone else, whether or not Instantel, or its employees, officers, agents, resellers or installers has been informed of the risk of such loss or expense and whether or not such losses or expenses were foreseeable.



Hugs®
Infant Protection
with Kisses®
Mother/Infant Matching



808 Commerce Park Drive
Ogdensburg, NY 13669 USA or
309 Legget Drive
Ottawa, ON K2K 3A3 Canada

Telephone: 1-866-55-XMARK
International: +1 613-592-6997
Facsimile: 1-613-592-4296
Web Site: www.xmarksystems.com



Xmark™
Know for sure

Certified to the ISO 9001 Quality Standard

Hugs® Tag with BabySense™
Part Number 806A5201

© 2005 Xmark, a division of Instantel Inc. All Rights Reserved. Hugs, the Hugs logo and Kisses are registered trademarks of Instantel Inc. in North America. Xmark, the Xmark logo and BabySense are trademarks of Instantel Inc. Printed in Canada. February 2005. 806U5201 Rev 01. **DRAFT**

Instructions for the Hugs® Tag with BabySense™

Introduction

The Hugs® tag with BabySense™ functionality is part of the Hugs infant protection system. The tag is attached to the infant using a tamper-proof strap. From the moment of attachment, the infant is automatically enrolled in the system, and protected against abduction.

The Hugs tag incorporates a special sensor to detect if:

- the tag is removed from the infant; or
- the strap is cut.

In addition, attempting to remove the infant without authorization from the protected area will immediately cause an alarm.

The Hugs tag is also used with the optional Kisses® mother/infant matching component of the Hugs system to confirm that the correct infant is matched with the correct mother. The Hugs tag automatically emits an audible beep to indicate an incorrect match.

The Hugs tag is reusable, and does not interfere with other hospital or personal medical equipment.

The patented asymmetrical shape of the tag ensures that it does not pinch or irritate the baby's skin, and also helps prevent it from being kicked off, while still allowing the ankle joint to move freely.

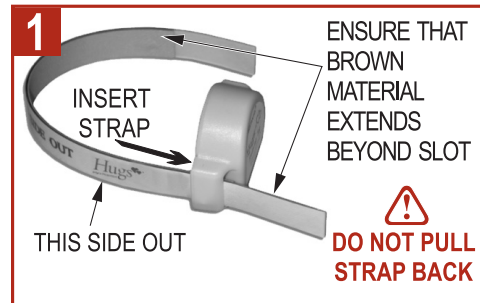
The tag is water proof which allows bathing of the infant. It is also resistant to soiling and UV light.

Note: The tag is not sterilized at the factory. You may wish to clean the tag prior to first use.

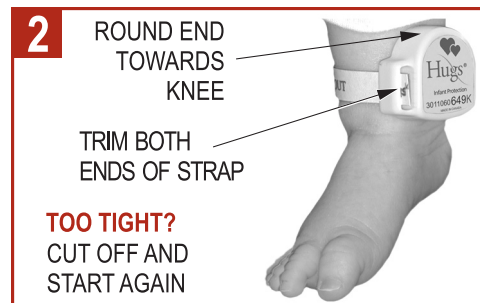
Items Required

- Hugs tag with BabySense (p/n 806A5201)
- Hugs tag straps (p/n 806A1401)
- Safety scissors

Attaching the Tag



- 1 Align strap with tag slot.
- 2 Make sure "This side out" is on the outside.
- 3 Insert strap into tag slot starting from bottom of tag.
- 4 Pull through until the brown material extends beyond the slot.



- 1 Wrap tag around baby's ankle, and insert loose end of strap into second tag slot.
- 2 Pull strap through until tag is snug and won't rotate. **The bottom (black) side of the tag and the strap must be firmly in contact with the baby's skin.**
- 3 Trim both ends of strap.



Check the following:

- Tag wiggles, but won't rotate easily.
- Back of tag and strap are touching the baby's skin.
- Tag has been admitted properly in the system.

Cleaning the Tag

Follow these recommendations for cleaning the tag.

- Use any standard hospital disinfectant cleaner.
- Do not soak the tag or immerse it when cleaning.
- Thoroughly rinse the tag with water after cleaning
- Do not use an autoclave to clean the tag or serious damage may result.

Handling Information

Battery Handling - this device contains a lithium battery. Do not force open, heat to 212°F (100°C), or dispose of in fire.

X-rays - Do not directly expose the tag to X-rays. (The tag is not affected by stray radiation.)

Storage

Store Hugs tags at room temperature.

Specifications

Frequency	433.42 to 434.42 MHz
Supply Voltage	3.0 VDC
Battery Life	Warranted for one year
RF Transmission Rate	0.2 sec in alarm mode, 10 sec at other times (typical)
Temperature	32°F to 120°F (0°C to 49°C)
Humidity	0-85% RH @ 70°F (21°C), non-condensing
Dimensions	1.2 x 0.52 x 1.4 in. (29 x 13 x 34 mm)
Weight	0.35 oz. (10 g)