

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.



309 Legget Drive Kanata,  
Ontario, Canada K2K 3A3, **or**  
808 Commerce Park Drive  
Ogdensburg, NY USA 13669

**Telephone:** 1-613-592-4642

**Facsimile:** 1-613-592-4296

**Web Site:** [www.xmarksystems.com](http://www.xmarksystems.com)

*Certified to the ISO 9001 Quality Standard*

© 2002 InstanTel Inc. All Rights Reserved. InstanTel and Hugs are registered trademarks of InstanTel Inc. in North America. Kisses, the hearts logo, Xmark and Heartbeat are trademarks of InstanTel Inc. Xmark is a division of InstanTel Inc. Printed in Canada. June 2002. 806U2401 Rev.A. **Preliminary**



**Hugs**<sup>®</sup>  
Infant Protection  
with Kisses™  
Mother/Infant Matching

**Hugs Tag Instructions**

**Part Number 806A2401**

---

# Instructions for the Hugs Infant Tag

## Introduction

The Hugs tag is part of the Hugs Infant Protection System. The tag is attached to the infant using a Hugs tamper-proof strap. From the moment of attachment, the infant is automatically enrolled in the system, and protected against abduction. Cutting the band or attempting to remove the infant without authorization from the protected area will immediately cause an alarm.

The Hugs tag is also used with the Kisses Mother/Infant Matching addition to the Hugs System. Kisses is designed to confirm that the correct infant is matched with the correct mother each time they are brought together. The Hugs tag emits an audible beep to indicate either a correct or incorrect match.

The 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.

Please refer to the instructions included with the Hugs straps for details on attaching the tag to an infant.

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

## Cleaning the Tag

The Hugs tag can be cleaned using a soft-bristle brush and a disinfectant soap or similar solution with no more than 20% alcohol content (for example, Butcher's Heptagon Disinfectant Cleaner, or Kleen-Aseptic from Metrex Research Corp.). Dry the tag thoroughly before use.

A small soft-bristle brush can be used to clean the tag slots. Pass the brush carefully through the tag slot moving from the bottom to top of the tag.

### Notes:

- Do not use an autoclave to clean the tag or serious damage may result.
- Do not soak the tag in alcohol or alcohol-based cleaners.
- Do not immerse the tag when cleaning.

## Handling Information

**Battery Handling** - this device contains a lithium battery. Do not force open, heat to 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.

## 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.

### Canada—Industry Canada

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

## 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.

## 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, atmospheric 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

---