



## TiltWatch XTR tip indicator monitors goods that must remain upright to ensure intact delivery



The TiltWatch XTR is single-use tip indicator used to monitor goods that must remain upright to insure intact delivery. The device continually monitors shipments and does not activate until it is at an 80° angle +/-5% from vertical along a single plane.

Thirty-five years of high volume shipments through the world's transportation corridors have sensitized every level of handling personnel to its clear, easy to interpret message: **Don't tip this shipment over. If TiltWatch indicates red, someone ignored the message.**

## Why you need TiltWatch XTR

Today's "just-in-time" zero defect delivery requirements demand shipping controls and monitors beyond the passive printed warnings on the sides of containers. The TiltWatch XTR is the better choice for goods that must remain upright to insure intact delivery. TiltWatch XTR is "carrier friendly", meaning no false activation under normal handling or from normal vibration.

TiltWatch XTR has the ability to literally change the handling environment of those shipments to which it is attached. The factors behind the product are perhaps the most important reasons. TiltWatch XTR has become the most widely used tipping monitor in the world. When carriers see the TiltWatch XTR, they take extra steps to handle the shipment with care. Because 50% of the value of any shipping monitor may be its ability to positively alter personnel handling by adding an element of accountability, instant recognition should be a primary factor in the choice of monitors.

### Applications

- Heavy machinery
- Large computer systems
- Electronic panels and components
- Statuary and large art pieces
- Glass and mirrors
- Chemicals and raw materials

### Key Features

TiltWatch XTR is a highly reliable and affordable solution for monitoring and controlling the shipping attitudes of:

- No false activation.
- Easy to arm
- Tamperproof
- Temperature & moisture proof
- Highest quality control standards.

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## Key Specifications

<b>Activation Angle</b>	80° +/-5% from vertical
<b>Monitoring Range</b>	Single plane
<b>Adhesive</b>	1 mil high tack acrylic
<b>Humidity Tolerance</b>	5-99% non-condensing
<b>Temperature Tolerances</b>	-40° C to 60° C / -40° F to 140° F
<b>Composition</b>	Rigid polystyrene housing
<b>Arming</b>	Arms coincident with removal of adhesive liner
<b>Size</b>	2.9" (73.66 mm) wide x 2.7" (68.58 mm) length - depth .20" (5.08 mm)
<b>Installation</b>	Pressure sensitive adhesive - and/or holes to accommodate small screws, nails or staple for rough wood surfaces.
<b>Customization</b>	Private logos available on orders above 3500 units.
<b>Adhesive Shelf Life</b>	Two years





## Partner with the Experts

ShockWatch, Inc. is a global leader in the innovation and optimization of logistics and cold chain risk mitigation. In addition to providing industry-leading solutions, ShockWatch consultants are subject matter experts that excel in partnership. They are available to support training and execution of your program:

- Ensure proper implementation and effective long-term usage of ShockWatch solutions
- Optimize your hardware investment for an improved bottom-line
- Maximize understanding of conditions that affect products during transit and in operation
- Enhance your existing logistics, loss management and quality programs with a variety of monitoring tools.

Contact your ShockWatch representative for more details on how to build a program around your monitoring needs.

## Put the TiltWatch XTR Advantage to **Work for You**

Learn how TiltWatch XTR can deter mishandling in your supply chain by visiting [www.ShockWatch.com/tiltwatchxtr](http://www.ShockWatch.com/tiltwatchxtr) or contacting us at [info@shockwatch.com](mailto:info@shockwatch.com)

## About ShockWatch

As the global leader in the innovation and optimization of logistics and cold chain risk management systems, ShockWatch provides solutions that currently enable over 3000 customers and some 200 partners in 62 countries to detect mishandling that causes product damage and spoilage during transport and storage. The robust ShockWatch product portfolio includes impact, tilt, temperature, vibration, and humidity detection systems and is widely used in the energy, transportation, aerospace, defense, food, pharmaceutical, medical device, and manufacturing sectors.

Founded in 1976 and based in Dallas, Texas, ShockWatch is a subsidiary of MRI, Inc., which is also the parent of DPC and DataSpan. MRI's international client base includes two-thirds of the Fortune 100 and more than half of the Fortune 1000 companies.

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