

Trans-Monitor Shock Indicator



Trans-Monitor is the ideal low-cost, single-use impact indicator. It was designed to safeguard your high value or technically sensitive products by deterring rough handling and creating awareness and accountability in the transportation chain.

The Trans-Monitor shock indicator consists of two sets of spring loaded steel balls. If an impact is greater than the G force of the device, the balls will dislodge from their set positions indicating potential damage to your goods. The tamper proof device is omnidirectional so detects impacts from all directions.

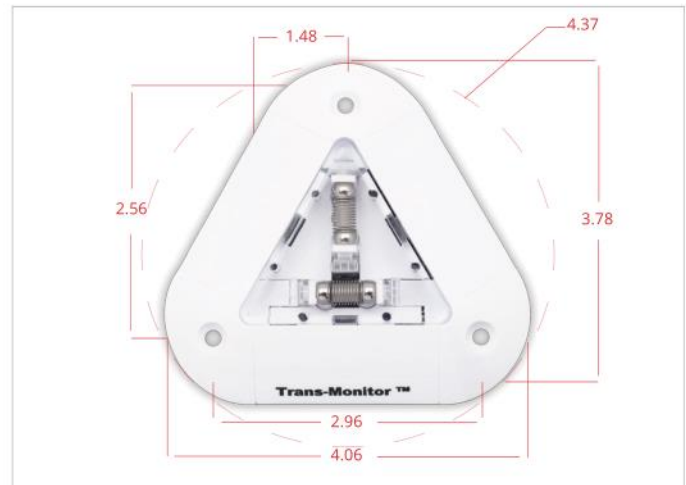
Benefits when using the Trans-Monitor Impact Indicator

- The Trans-Monitor provides a visual indication that hidden damage may have occurred.
- When used with alert labels, a Trans-Monitor reduces the incidence of damage by raising awareness that the package is being monitored.
- Promotes accountability among handlers throughout the transportation chain.
- Helps confirm the effectiveness of packaging.
- Can help identify trouble spots in the transportation chain.

Technical Specifications

Item	Description
Height	0.65 in. / 16.50mm
Diameter	4.06 in. / 103.12mm
Length	3.78 in. / 96.00mm
Temperature	-100° F to 155° F (-73° C to 68°C)
Accuracy	±15%
Mounting	Self-adhesive / screws
Weight	1oz. 28.35 grams
“g” Range	Available in 20g-100g in 10g increments. Also available in 5g, 15g, 25g., 200g, 250g and 300g

Part number - 1400-005G through 1400-300G



A **Trans-Monitor** consists of two sets of spring loaded steel balls mounted in a rugged housing with a transparent window. The springs are calibrated to withstand forces up to the g rating of the unit. If impacts of a greater than rated value are imposed, the balls will dislodge from their set positions.

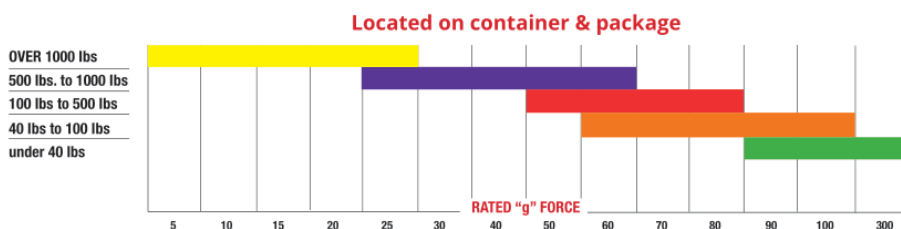
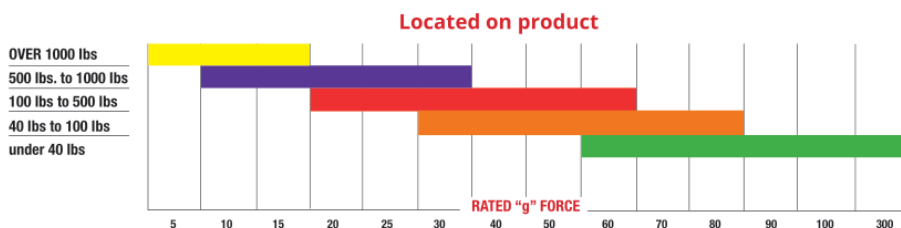
The **Trans-Monitor** is all-directional. It registers impacts from angle. When an impact takes place, one or more balls are forced out of their socket. Since the ball and spring sets are at a 90° angle from each other, any excessive g force will displace at least one ball.



Easy Installation and Operation

1. Use self-adhesive to place on a box or equipment or screw onto pallet.
2. Use with a Companion Label for increased visibility.

Recommended g Force Usage by Weight



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