

# MAG2000

# SHOCKWATCH®



The ShockWatch MAG2000 impact indicator is a cost-effective, resettable, reusable and tamper-resistant device that monitors the handling of fragile goods and freight containers greater than 150kg. This condition-based monitoring device is also widely used on rail cars and trucking fleets to monitor for excessive impacts during humping or latching.

Designed for users who need a truly heavy-duty shock indicator, the MAG2000 is robust enough to monitor shock-sensitive shipments weighing over 150kg, making it a logical extension of the ShockWatch smart label system, and bridging the gap with more sophisticated data recorders like the G-View and ShockLog.

The MAG2000 utilises two tuned and highly sensitive magnets. When an out-of-tolerance impact is experienced, the magnets are forced out of alignment, clearly indicating the angle and severity of impact. A uniquely designed key is supplied to unlock the cover on the unit. This key allows the product to be reset after activation and resists tampering.

## Product Features

- Impact detection for a wide array of product types and sizes
- Irreversible 360° shock recording
- User-specified detection threshold
- Highly visible "red alert" to indicate direction of impact
- Tamper-proof design prevents concealment of activation without obvious evidence of interference
- Easy-to-use adhesive backing requires no tools or assembly to install (optional mounting bracket available)

## Benefits

- Ability to reset and reuse MAG2000
- Reduces product damage and loss incurred during transportation or storage
- Protects fragile, sensitive, or calibrated goods in transit
- Provides indisputable evidence of mishandling
- Acts as a visual deterrent to improper handling

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## SPECIFICATIONS

### Instrument:

Dimensions:	63.5 x 60.96mm
Weight:	30.2 grams without adhesive 32.35 grams with adhesive
Case Material:	ABS & acrylic
IP Rating:	IP65

### Indicator:

Shock Sensor	G-Calibrated Magnet
Range	0.5G to 20G
Accuracy	+/-10%
Shock Resistance	200G @ 11ms
Frequency	0 to 20Hz flat
Security	Tamper-resistant, resettable utilising key
Chemical Resistance	Neoprene O-ring seal is weatherproof and chemically resistant to solvents, acids, and petrochemicals

## Options Available

32319 - Mag2000 15G	32403 - Mag2000 5G with bracket
32320 - Mag2000 2G	32404 - Mag2000 6G with bracket
32321 - Mag2000 3G	32405 - Mag2000 7G with bracket
32322 - Mag2000 4G	32406 - Mag2000 10G with bracket
32323 - Mag2000 5G	32407 - Mag2000 11G with bracket
32324 - Mag2000 6G	32408 - Mag2000 16G with bracket
32325 - Mag2000 7G	32409 - Mag2000 20G with bracket
32326 - Mag2000 10G	32410 - Mag2000 8G with bracket
32327 - Mag2000 11G	32411 - Mag2000 12G with bracket
32328 - Mag2000 16G	32431 - Mag2000 3G Date/Timer with bracket
32329 - Mag2000 20G	32433 - Mag2000 5G Date/Timer with bracket
32350 - Mag2000 2G Date/Timer	32435 - Mag2000 7G Date/Timer with bracket
32352 - Mag2000 4G Date/Timer	32437 - Mag2000 11G Date/Timer with bracket
32353VH - Mag2000 5G Date/Timer Vertical Mount	32440 - Mag2000 8G Date/Timer with bracket
32355 - Mag2000 7G Date/Timer	32441 - Mag2000 1GV
32357 - Mag2000 11G Date/Timer	32442 - Mag2000 1GH
32360 - Mag2000 8G Date/Timer	
32362 - Mag2000 15G Date/Timer	
32400 - Mag2000 2G with bracket	
32401 - Mag2000 3G with bracket	
32402 - Mag2000 4G with bracket	

## Accessories Available

32460 - MAG2000 extra bracket	32461 - MAG2000 key
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