



The ShockWatch ImpactManager™ SC is an impact detection device for forklifts and other material handling equipment.

Mounted directly on the equipment, ImpactManager SC utilises two patented, adjustable sensors which sound an alarm upon any impact exceeding a predefined threshold. This immediate identification allows for more timely corrective action and reinforces safe operations. With ImpactManager SC in place, operators' driving habits improve, resulting in reduced damage to equipment, facilities, and products, as well as reduced costs.

Benefits

- Reduces operator, facility, equipment, and product damage due to impacts
- Reduces costs associated with damage and worker injury
- Increases operator accountability, improves driving behavior, and reduces worker injury
- Reinforces safe vehicle operation and procedures without supervisory presence
- Creates immediate awareness of impacts by sounding alarm or lift horn
- Allows for immediate corrective action following an impact
- Allows for immediate maintenance and repairs following an impact
- Reduces material handling equipment downtime and repair costs
- Truck powered version available - must specify at time of order

Features

- Real-time impact detection through patented, user-adjustable sensors
- 103 dB internal audible alarm or lift truck horn alarm option
- Tamper-proof barrel lock enables and resets the unit
- Test button for quick check of operational status
- Easy installation with two mounting orientations—Each product has two patented sensors mounted on different planes, with adjustable 360° plane of sensitivity
- Operational over a 10V to 60V DC range
- UL rating—Type E, EE, G, GS, LP, LPS, D, and DS
- Multiple product offerings—Basic product is a battery-operated, self-contained unit

ImpactManager™ SC

Product Code	EM-SC01 EM-SC02 M-SC03 EM-SC04 EM-SC05
Series	ImpactManager

Typical Applications

- Electric forklifts
- Internal combustion forklifts
- Narrow aisle (reach) forklifts
- Rough terrain forklifts
- Electric pallet forklifts
- Walkie/rider forklifts
- Order picker forklifts
- Turret forklifts
- Double reach forklifts
- Other counterbalance forklifts
- And much more

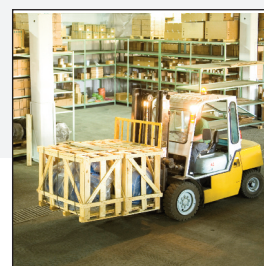
Instrument Operating Conditions

Operating Temperature: -20°C to +60°C (Optional heater available for cold room applications)
 Operating Humidity: 0– 100% non-condensing
 Operating Shock: 10G (non-destructive)
 100G (destructive)
 Shock Resistance: 40G @ 11ms
 Vibration Resistance: 12G @ 10 to 55Hz

Specifications

Sensor: Adjustable magnetic
 Impact Detection Range: User-adjustable threshold from 0.3G to 7G
 Output Alarm: Piezoelectric 103 dB
 Case Size: 109.98 x 109.98 x 71.12 mm
 Case Material: Polystyrene
 Case Rating: IP56
 Weight: 1.2 kg
 Battery Type: 9V Lithium (SC1000, SC1040)
 Battery Life: 1 year (SC1000, SC1040)

All models can be mounted with a peel-off adhesive or with a bracket and screws.



Counterbalance forklifts



Narrow aisle forklifts