



Left to right:
Clips Single Tube, Clips Single Tube Mini, Double Tube Clip, Double Tube Clip Mini

Extend your control with the ShockWatch Clip range

The ShockWatch Clip range adds another dimension to your quality control program. The ShockWatch Clips are mounted on the product itself to provide impact detection at every phase of the product lifecycle; during manufacture; in transit; even in use by the final customer.

The ShockWatch Clips demonstrate the tremendous flexibility of ShockWatch products. Use it to:

- Conduct incoming quality assurance inspection
- Improve handling during manufacturing process
- Identify reasonability for damage
- Reduce packaging costs
- Monitor products in the hands of end-users to reduce service calls and warranty abuse
- Field evaluate new package designs

Clips Single Tube – Designed to mount direct onto a product or container, the clip is compact and economical – providing damage reduction whenever and wherever your products are handled.

Clip Single Tube Mini – Using the same technology as the Clip Single, the mini Clip offers a reduced footprint – providing reliable impact detection to similar products, allowing you to pinpoint areas of concern during the shipping and handling process.

Double Tube Clip – Similar to the Clip Single, this device provides 360° impact detection.

Double Tube Clip Mini – Designed with minimum footprint for use on smaller products, the mini-clip double gives maximum 360° impact detection.

Product Name	Sensitivity	Activation Height (on hard services)
CX85 and CXX85 Clip	10G	Activates at 50.8mm to 101.6mm
CX75 and CXX75 Clip	15G	Activates at 76.2mm to 153.4mm
CX65 and CXX65 Clip	25G	Activates at 101.6mm to 203.2mm Most commonly used clip
CX55 and CXX55 Clip	37.5G	Activates at 153.4mm to 355.6mm
CX47 and CXX47 Clip	50G	Activates at 8" / 203.2mm to 4" / 203.2mm
CX35 and CXX35 Clip	75G	Activation trends at 482.6mm to 609.6mm
CX30 and CXX30 Clip	100G	Activation trends at 609.6mm to 762mm
Multi Clip	25G, 50G, 75G (standard)	Activates at three different levels

ShockWatch Clips

Product Code

Clips Single Tube:	Clips Single Tube Mini:
32237 -CX-25 150g	32248 - CX-30 100g
32236 -CX-30 100g	32249 - CX-35 75g
32235 -CX-35 75g	32300 - CX-47 50g
32234 -CX-47 50g	32301 - CX-55 37.5g
32233 -CX-55 37.5g	32302 - CX-65 25g
32232 -CX-65 25g	32303 - CX-75 15g
32231 -CX-75 15g	32304 - CX-85 10g
32230 -CX-85 10g	

Double Tube Clips:

32246 - CXX-30 100g	Double Tubes Clips Mini:
32245 - CXX-35 75g	32311 - CXX-30 100g
32244 - CXX-47 50g	32310 - CXX-35 75g
32243 - CXX-55 37.5g	32309 - CXX-47 50g
32242 - CXX-65 25g	32308 - CXX-55 37.5g
32241 - CXX-75 15g	32307 - CXX-65 25g
32240 - CXX-85 10g	32306 - CXX-75 15g
	32305 - CXX-85 10g

32312 - Multi-Clip

Series

ShockWatch

Typical Applications

- Transportation monitoring
- Automotive components
- Commercial appliances
- Semiconductor devices
- Computer hard drives
- Furniture
- Lab equipment
- Electronics
- Storage media
- Glass products

Instrument

Temp. Range: -25°C to +80°C

Single Clip: 46.73 x 28.95 x 4.16 mm (25–37.5G)

46.73 x 28.95 x 3.15 mm (50–100G)

Double Clip: 49.52 x 28 x 4.31 mm (25–37.5G)

42.69 x 27.95 x 3.31 mm (50–100G)

Mini Clip and Mini Clip Double:

35.72 x 12.85 x 4.19 mm (25–37.5G)

135.72 x 12.85 x 2.97mm (50–100G)

Multi Clip: 48.26 x 35.56 x 4.44 mm

Sensitivity: Available from 10 to 100G and sensitive to impacts on 360° axis

Responsiveness: Responds to single impact

Duration Ranges: 1 to 50ms

Adhesive: Acrylic

Shelf Life: 2 years from date of Sale

CX = clip with one window

CXX = clip with two windows