

Product Introduction & FAQ MSI Model 62 Accelerometer

What is the Model 62?

A new small screw mounted MSI accelerometer that measures 0-50 to 0-2000g's.

What is the primary use of this sensor?

Automotive test engineers place it in dummies to measure shock during crash testing.

What is the difference between this unit and the Model 64?

They are exactly the same – except the Model 62 has the seismic mass in the center of the unit while the Model 64 has its seismic mass nearer to the front end of the unit.

The footprint of the Model 62 is exactly the same as its primary competitor (Endevco 7264B). The footprint of the Model 64 is exactly the same as its primary competitor (Endevco 7264C).

Will the Model 62 replace any existing units?

We anticipate the Model 64 will replace some Entran units such as the EGE Series.

Where is the Model 62 manufactured?

At the MSI production facility in China.

When will we start shipping from China?

MSI have started production.

What delivery times are available when the item is not in stock?

4 to 6 weeks.

What warranty are we offering since these units are for crash-testing?

12 months. We will replace units found defective.

What do you anticipate to be the most common reasons for return?

Cable damage, customer abuse, nothing wrong. The cable is the most at-risk portion of the sensor. During crash tests it can easily get damaged. Oftentimes, this damage is not apparent to the customer. Customer abuse can happen prior to installation through mishandling the sensor, thermal or mechanical shocks during storage or transport and overvoltage during testing. More and more we are finding that the people who install sensors are not familiar with the specifications nor are they always knowledgeable about the total instrumentation system. When things do not work, the sensor is often thought to be at fault when it's not.

Can units be repaired?

No, with one exception. The brass cover is epoxied in place. If it comes loose, there is a chance we can repair the unit. If the unit is out of warranty, we would charge 15% of the single piece price for evaluation and an additional 15% for the repair. If we could not repair the unit, the customer would still have to pay the evaluation charge.