



Drop machine

Test object

Load Cell (4x)
LCF Series

APPLICATION SUMMARY

Drop testing packaging is a novel way of testing the viability of various packaging processes to ensure that packaged products arrive at their destination safely. To accomplish this, a system is designed to drop packages from varying heights onto a platform that rests upon load cells placed beneath the platform. The load cells output the force of the impact of the packaging. In addition, by making the platform removable, different platforms can be constructed to test different drops, such as dropping down stairs.

PRODUCTS IN USE

4 FUTEK's Pancake Load Cells (LCF Series) coupled with 4 USB530 High Speed, USB Data Acquisition Kit.

All FUTEK application illustrations are strictly conceptual. Please contact us with questions.

USB Series

USB530
One per load cell

Computer