



APPLICATION SUMMARY

Ultrasonic Welding welds together two pieces of material (ex: plastic) using high frequency vibrations. This results in a clean welding process, producing uniform, fluid tight welds. The clean welding process makes it ideal for medical equipment, toys, semiconductors, and consumer electronics. One of the keys to a clean weld is the proper application of clamping force. Too little force results in an incomplete weld, too much force results in deformed parts. Incorporating a load cell inline with the welding stack enables the ultrasonic welder to provide the correct amount of contact force to every part.

PRODUCTS IN USE

1 LCB/LCF Series Load Cells paired with Instrumentation (IAA Series or IDA100)

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

