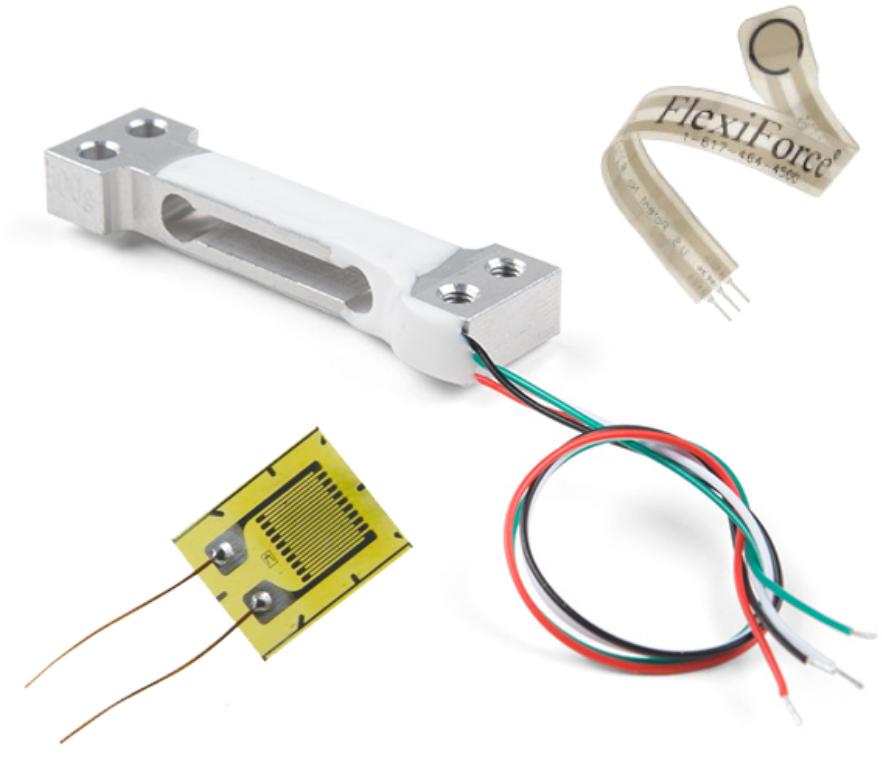


Simple

Powerful

Flexible



simVITRO integrates with a wide variety of sensors. Included with the simVITRO Sensor-State-Actuator-Control-Data (SSCAD) framework is the ability to configure analog inputs of a National Instruments A/D board. Inputs can be single or multi-axis load cells, strain, displacement, acceleration, pressure, or any number of measurement types. Once the signal is defined it can be scaled using one of the following methodologies: Linear, Polynomial, Map Ranges, and Table. Matrix scaling for 6-DOF load cells can also be used with the values being automatically extracted from the factory calibration files.

