Triaxial Force Sensors for Aerospace Vibration Testing

PCB Piezotronics' 261A Series triaxial force link sensors simultaneously measure dynamic and quasi-static forces in three orthogonal directions (X, Y and Z axes). The sensors are used during vibration testing of aerospace structures to match the mechanical impedance of shaker inputs and may be used to force-limit the shaker controller to prevent damage to expensive structures. Other applications include cutting tool monitoring, biomechanics feedback and automobile chassis dynamics. Series 261A comes preloaded between two plates, with a four-screw mounting pattern to allow easy installation and feature full-scale measuring ranges from 500 lb. to 4,000 lb. in the X and Y directions, and from 1,000 lb. to 10,000 lb. in the Z direction. Single axis models are also available.

PCB Piezotronics, Inc.
800-828-8840, www.pcb.com [1]

Links:
[1] http://www.pcb.com%3c/url%3E%3C/addr%3E%3Cdeeplink%3E%3C/deeplink%3E%3Crsphone%3E918008288840%3C/rsphone%3E%3CADDR/%3E%3C/rsEC