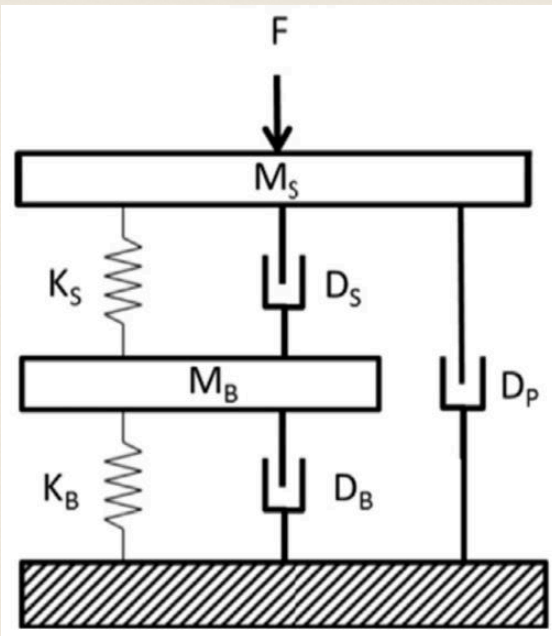


AEIOU Scientific's proprietary Cortical Bone Mechanics Technology™ (CBMT) performs dynamic mechanical bending tests on forearms of living people. CBMT makes accurate noninvasive, direct, functional measurements of structural mechanical properties (mass, stiffness, and damping) and calculates the quality factor Q , flexural rigidity (EI) and bending strength (M_{peak}) of ulnar cortical bone.



CBMT Seven-parameter model for quantifying the mass, stiffness, and damping of ulnar cortical bone.

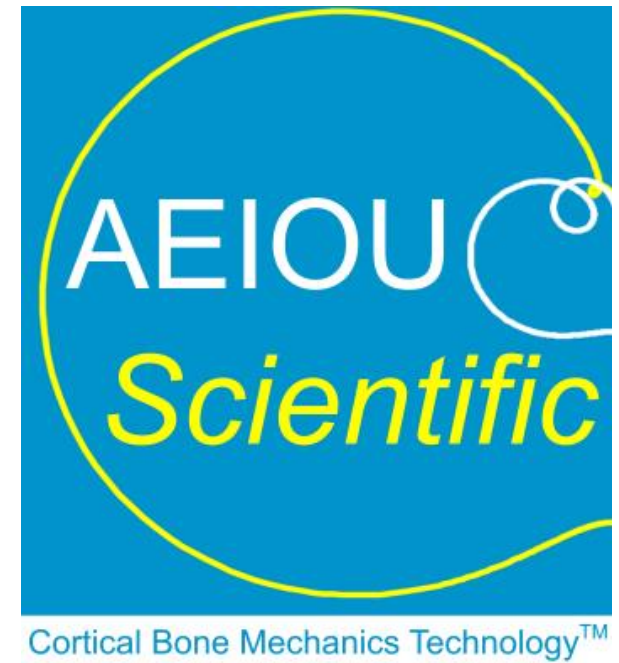
Arnold et al., J Biomechanics, 2014

The Model SI-001 CBMT™ system is commercially available for scientific use.



AEIOU Scientific instruments and accessories are intended for use by scientists in life science investigations. They are not medical devices and are not intended for the diagnosis, cure, mitigation, treatment, or prevention of disease.

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In Vivo Dynamic
3-Point Bending Test

