

ANNEXURE A:

TECHNICAL SPECIFICATIONS FOR BONE STRENGTH TESTER

S.no	Equipment	Specification
1.	Bone Strength Tester (01)	<ol style="list-style-type: none">1. Should preferably be a Desk-Top type model2. Should provide precise measurement of the bone breaking strength of the rats or mice.3. Should include sensors and accessories for following types of evaluation on different types of bones:<ol style="list-style-type: none">a. Bendingb. Torsionc. Compressiond. Breakinge. Indentationf. Shearg. Tensile Strength4. Should include a monitor for configuration with analysis software for setting the operating conditions and for data saving and output (both in excel and graphical formats). Results may also be printed on a rapid thermal printer.5. Should be able to apply tension in longitudinal and horizontal axis.6. Should have option to preset an extra weight ranging from 10 grams to 490 grams by 10 gram steps against the sample for the torsion test.7. Should be complete with all necessary accessories