

Materials List for:

Application of Design Aspects in Uniaxial Loading Machine Development

Robert P. Thoerner¹, Jonathan D. King¹, Marnie M. Saunders¹

¹Department of Biomedical Engineering, University of Akron

Correspondence to: Marnie M. Saunders at mms129@uakron.edu

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Materials

Name	Company	Catalog Number	Comments
Power supply, 24 V DC 2.5 A out, 100-240 V AC in, plug for North America	Zaber Technologies inc	PS05-24V25	
6 pin mini din-male to female PS/2 extension cable	Zaber Technologies inc	T-DC06	
Stepper motor controller, 2 phase	Zaber Technologies inc	A-MCA	
Linear actuator, NEMA size 11, 30 mm travel, 58 N maximum continuous thrust	Zaber Technologies inc	NA11B30	
Corrosion resistant maintenance-free Ball Bearing Carriages and Guide Rails	McMaster-Carr	9184T31	
6061-t6 Aluminum Stock	McMaster-Carr	NA	
Plexiglas Stock	McMaster-Carr	NA	
Canister load cell, 4.5N	Honeywell Sensotec	NA	
USB to 6 pin mini-din	Universal	NA	