Materials List for:

Force System with Vertical V-Bends: A 3D *In Vitro* Assessment of Elastic and Rigid Rectangular Archwires

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Materials

Name	Company	Catalog Number	Comments
Force/Torque Sensors/ Transducers	Nano17 F/T Sensors, ATI Industrial Automation, Apex, NC, USA		Part of the OWT
CHS Series Humidity Sensor Units	TDK Corporation		Part of the OWT
Temperature sensors	(Murata NTSDXH103FPB30 thermistor) Murata Manufacturing Co., Ltd		Part of the OWT
LabVIEW 7.1.	Laboratory Virtual Instrumentation Engineering Workbench, Version 7.1		Software Program
Self-Ligating brackets	Empower Series, American Orthodontics.		Orthodontic Brackets
Stainless steel archwires	Ultimate Wireforms, Inc. in Bristol, CT		Archwires
Beta-Titanium Archwires	Ultimate Wireforms, Inc. in Bristol, CT		Archwires
Data acquisition device (DAQ)	National Instruments (NI) USB 6210		Part of the OWT
Ortho Form III (Archform template)	3M Oral Care, St. Paul, MN, USA		Ovoid arch form
Weingart Plier	Hu-Friedy Mfg. Co., LLC Chicago, IL		Orthodontic Plier
Light wire Plier	Hu-Friedy Mfg. Co., LLC Chicago, IL		Orthodontic Plier