

Materials List for:

Biomechanical Analysis Methods to Assess Professional Badminton Players' Lunge Performance

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Materials

Name	Company	Catalog Number	Comments
Motion Tracking Cameras	Oxford Metrics Ltd., Oxford, UK		n= 8
Valid Dongle	Oxford Metrics Ltd., Oxford, UK		Vicon Nexus 1.4.116
Force Platform Amplifier	Kistler, Switzerland		n=1
Force Platform	Kistler, Switzerland		n=1
Vicon Datastation ADC	Oxford Metrics Ltd., Oxford, UK		-
T-Frame	Oxford Metrics Ltd., Oxford, UK	-	-
14 mm Diameter Passive Retro-reflective Marker	Oxford Metrics Ltd., Oxford, UK		n=16
Double Adhesive Tape	Oxford Metrics Ltd., Oxford, UK		For fixing markers to skin
Badminton racket	Li-ning, China	BADMINTON RACKET CLUB PLAY BLADE 1000 [AYPL186-4]	MATERIAL: Standard Grade Carbon Fiber WEIGHT: 81-84 grams OVERALL LENGTH: 675mm GRIP LENGTH: 200mm BALANCE POINT: 295mm TENSION: Vertical 20-24 lbs, Horizontal 22-26 lbs