

Materials List for:

Experiments on Ultrasonic Lubrication Using a Piezoelectrically-assisted Tribometer and Optical Profilometer

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Materials

Name	Company	Catalog Number	Comments
DC Motor	Minarik	SL14	
Electrical amplifier	AE Techron	LVC5050	
Signal conditioner	Vishay Measurements Group	2310	
Signal generator	Agilent	33120A	
Piezoelectric stack	EDO corporation	EP200-62	
Load cell	Transducer Techniques	MLP-50	
Load sensor pad	FlexiForce	A201	
Laser meter	Keyence corporation	LK-G32	
Hall-effect probe and gaussmeter	Walker Scientific, Inc.	MG-4D	
Data acquisition module	Data Physics	Quattro	
Data acquisition software	Data Physics	SignalCalc Ace	
Thermocouple reader	Omega	HH22	
Optical profilometer	Bruker	Contour GT	
Profilometer operation software	Bruker	Vision 64	