Materials List for:

Development of an Experimental Setup for the Measurement of the Coefficient of Restitution under Vacuum Conditions

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URL: https://www.jove.com/video/53299
DOI: doi:10.3791/53299

Materials

Name	Company	Catalog Number	Comments
High-speed camera Olympus i-SPEED 3	Olympus		High-speed camera to capture the particle impact
Screen Olympus i-SPEED CDU	Olympus		Screen to work with the high-speed camera
Light source Olympus ILP-2	Olympus		Light source necessary for taking videos at high frame rates
Vacuum pump Alcatel Pascale 2005 D	Alcatel		Vacuum pump to generate the vacuum during the experiments
Vacuum gauge Alcatel CFA 212	Alcatel		Vacuum gauge to measure the vacuum level
i-SPEED Software Suite (Control version)	Olympus		Software to evaluate the videos
Glass beads	Sigmund Lindner GmbH		SiLibeads Type P (0.700, 1.588, 2.381, 2.780, 3.680, 4.000 mm) SiLibeads Type S (0.1-0.2, 0.2-0.3, 0.3-0.4 mm) http://www.sigmund-lindner.com (see supplier's website for more information about the glass properties)
Safety goggles			

