

Materials List for:

Measurement of Chladni Mode Shapes with an Optical Lever Method

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Materials

Name	Company	Catalog Number	Comments
Acrylic plates	Dongguan Jinzhu Lens Products Factory		Three 1.0-mm-thickness mirrored circular acrylic plates with diameter of 150 mm, 200 mm and 250 mm respectively. They are easily deformed.
Laser pen	Deli Group	2802	Red laser is more friendly to the viewer. The finer the laser beam, the better.
Light screen	Northern Tempered Glass Custom Taobao Store		Several layers of frosted stickers can be placed on the glass to achieve the effect of frosted glass.
Ruler	Deli Group	DL8015	The length is 1m and the division value is 1mm.
Signal generator	Dayang Science Education Taobao Store	TFG6920A	Common ones in university laboratories are available.
Vibrator	Dayang Science Education Taobao Store		The maximum amplitude is 1.5cm. The power is large enough to cause a noticeable phenomenon when the board vibrates. Otherwise, add a power amplifier.