

Circular Chladni Plate 1000705 Square Chladni Plate 1000706

Product Manual

09/26 ALF/HJB



1. Description

Chladni plates are metal plates used to produce Chladni figures. For this purpose, fine, dry sand is sprinkled onto the plate, and the plate is set into vibration using the vibration generator (item no. 1000701).

The plates are equipped with a 4 mm plug, which allows them to be mounted on the vibration generator.

2. Technical data

Dimensions:

1000705: 240 mm Ø
1000706: 180 × 180 mm²

Plate thickness: 1.1 mm approx.

3. Operation

To perform experiments the following equipment is also required:

1 Vibration generator	1000701
1 Function generator FG 100 @230 V	1009957
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1 Function generator FG 100 @115 V	1009956
Connecting leads	

- Attach the Chladni plate to the vibration generator.
- In order to avoid damaging the loudspeaker inside the vibration generator, hold the mounting still with one hand whilst attaching or removing the Chladni plate with the other.
- Connect a function generator and modify the frequency.
- Watch the formation of resonance patterns.

