1. Description
The tuning fork with plotter pen is used to demonstrate sound vibrations and to record a curve of the vibration on a sheet of paper. A pen holder can be attached to one prong of the tuning fork, while a counterweight is screwed to the other prong. The fork is set into vibration by pressing the prongs together and releasing them.

2. Technical Data
<table>
<thead>
<tr>
<th>Natural frequency:</th>
<th>21 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>245 mm</td>
</tr>
<tr>
<td>Total weight:</td>
<td>170 g approx.</td>
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</tbody>
</table>

3. Operation
Additional equipment needed:
1 Stand base 1002835
1 Stand rod, 250 mm 1002933
1 Universal clamp 1002830

- Fix the holder with the plotter pen to the tuning fork prong.
- Clamp the handle of the tuning fork firmly to the stand.
- Adjust the height of the tuning fork so that the plotter pen rests lightly on the paper.
- Press the prongs together and release them abruptly.
- Pull the paper along at a steady speed under the vibrating tuning fork.