1. Lascells Speed of Sound Apparatus

This is an easy to use piece of apparatus for determining the speed of sound in air. The unit contains two sensitive microphones connected to control circuit that will start and stop a Lascells millisecond or microsecond timer. Alternatively the outputs may be monitored on a storage or pc oscilloscope. In use a sharp sound is produced in line with the two microphones, the time recorded is then the time taken for the sound to travel between the two microphones. The apparatus is supplied with a 9V PP3 battery, a 6m connecting cable and full instructions.

Lascells timer PY3080 must be ordered separately.

Code	Pack	Price
PY3096	Each	**£102.92**

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2. Lascells Space Tube for Sound in a Vacuum

A 90mm Ø acrylic tube houses a battery-operated, high output piezo sounder. When the end plates are attached and the unit connected to a vacuum pump no sound can be heard but the sound returns when the air is allowed back in. An effective demonstration with none of the complications of the traditional apparatus. Overall length 150mm.

Vacuum pump must be purchased separately.

Code	Pack	Price
PY3094	Each	**£64.67**

2



3



3. Bell in Vacuum

Fine coiled wire connections to terminals mounted in rubber bung sealing the glass jar. A 15cm Ø electric bell operating on 4-6 volts AC/DC suspended on rubber cord in bell jar. Size 20 x 10cm. For use on pump plate not less than 15cm Ø.

Bell jar and pump plate must be ordered separately.

Code	Description	Pack	Price
PY5502	Bell jar & bell assembly	Each	**£24.33**
PY5504	Pump plate for bell jar assembly	Each	**£54.61**

4. Loudspeaker Unit

Fitted with 300mW amplifier with variable gain and input impedance of 1M OHM, with connecting 4mm lead.

Code	Pack	Price
241-531	Each	**£17.88**

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