

Web: http://www.helago-cz.cz

HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3 Company ID: 25 96 39 61, VAT: CZ 25963961 Phone: 495 220 229, 495 220 394 Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz

Helmholtz Resonator d = 52 mm

Order code: 5401.1003521



Hollow glass bulb with a narrow tube leading out for demonstrating acoustic resonance. The fundamental oscillation is generated by blowing into the opening or banging on the outside of the bulb.

The elasticity and inertial mass of the air in the bulb cause the bulb to act as an acoustic resonator with a highly distinct resonant frequency. The frequency is dependent on the dimensions of the bulb and the tube. With a whole set of Helmholtz resonators it is possible to demonstrate how tones combine to form a tonal mixture.

- Opening on the glass bulb: 14 mm dia.
- Length of tube: 15 mm
- Resonant Frequency: 740 Hz