

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

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Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz Web: http://www.helago-cz.cz Model Eye for Ultrasonic Biometry Order code: **5401.1012869** 



Cena bez DPH 706,00 Eur
Price with VAT 854,26 Eur

**Parameters** 

Types of waves Ultrazvuk

Ouantitative unit ks

duricitative drift

## Detailed description

Model of the human eye, enlarged to a scale of 3 to 1, including the cornea, the lens and glass bodies for demonstrating the fundamentals of ultrasonic biometry. The biometric ratios in the human eye (distance between cornea and lens, thickness of lens, distance between lens and retina) are very well suited to demonstrating measurement using a pulse-echo method with ultrasound. With the help of an ultrasonic echoscope (5401.U100101) and a 2-MHz ultrasonic probe (5401.U10016), typical echoes and the speed of sound can be measured. This allows the geometry of individual objects in the eye to be calculated. A lesion close to the back of the eye becomes apparent due to the diffuse nature of its echo.

• Diameter: 80 mm

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