

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

Quantitative unit

ks

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