

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

Model Eye for Ultrasonic Biometry Order code: 5401.1012869



Cer	na bez DPH	706,00 Eur	
Pric	e with VAT	854,26 Eur	
Par	ameters		
Тур	es of waves		Ultrazvuk
Qua	antitative 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