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PENTACAM HR OCULUS ophthalmic tomograph (Ex-Display)

New (post-show),
Real photos of the product,
German manufacture, (2023),
Power supply: 230 V,
Frequency: 50/60 Hz,
Software: 1.27,
Pentacam® HR
is a rotating Scheimpflug camera that acquires images of the anterior segment of the eye,
Scheimpflug technique
provides sharp and clear images that provide information on structures from the anterior surface of the cornea to the posterior lens capsule.
The most important advantages of the rotational imaging process are the ability to precisely measure the central part of the cornea, correction against eye movements, easy fixation for the patient and very short examination time,
The camera creates an image of the anterior segment of the eye using a rotating camera that takes a series of measurements of the eye. This measurement procedure produces a three-dimensional image. A complete image with maximum resolution is obtained in no more than two seconds. Any eye movements during the measurement are corrected by a digital eye tracking system. The Pentacam® HR measures and analyzes up to 138,000 true elevation points to guarantee the most accurate image and evaluation of the eye. Each measurement creates a single cross-section of the entire eye surface. A three-dimensional model of the anterior segment of the eye is created from the resulting data,
Technical specifications:
Digital CCD camera,
Light source: blue LEDs (475 nm., no UV radiation),
Speed: 100 images in 2 seconds,
Curve:
3 to 38 mm,
From 9 to 99 D,
Precision: ± 0.1 D,
Repeatability: ± 0.1 D,
Operating range: 80 mm. (3.1 in.),
Chin adjustment in range: 7.5 cm,
Application:
Topography,
Pachymetry,
Corneal cone analysis,
Tomography,
Unlimited lens geometry database,
Choice of language:
Settings menu: ENG, GER, FR, ESP, CS, CHIN, PL,
PENTACAM menu: ENG, GER, FR, IT, ESP, JP, CS, CHIN, PT, PL, RUS,
Possibility to retrofit the device with a monitoring station, which includes (at an additional cost):
PC desktop computer,
Monitor,
Printer (color) - laser,
Table,
Mouse + keyboard and additional instrumentation,
Included:
User manual in English,
Power cord with power adapter,
Dedicated case for the device,
Device dimensions: 27 x 40 x 53 cm,
Weight of the device: 10.6 KG,
Has a current inspection and is ready for use,
Issued Technical Passport (Service Report) valid for 12 months,
Warranty:
6-months for domestic market (Poland),
3-months for the international market,
Possibility to extend the warranty at a surcharge to 12-months for domestic and international markets,
The warranty period does not include bulbs and other light sources installed in the device,
Possibility of financing (Poland only): Installments, Leasing, Loan,

