

YZ 38 KERATOMETER (JAVAL OPHTALMOMETER)

The device is mainly used to measure the diopter and radius of the anterior corneal.

Specifications:

- Magnification of Eyepiece: 1.5X
- Total Magnification: 18X
- Illumination : 2X 6V/12W halogen bulb

Measurement Range:

- Radius of Curvature: 5.5-11mm
- Diopter: 30-60dpt
- Readings radius: 0.02mm
- Diopter: 2.25dpt
- Refractive index n used for compensation: 1.3375
- Minimum Surface required for measurement:
r=5.5mm \varnothing 1.65mm
r=7.5mm \varnothing 2.30mm
r=11mm \varnothing 4.00mm
- Angle Measuring Disc: 0°~180°
- Input Voltage: 220V



YZ 33A LENS METER

Specifications:

- Visual Magnification: 32

Measurement Range

- Sphere: -25D~+25D
- Cylinder: -9.94D~+9.94D
- axis: 0~180°
- Prism: 0~5 Δ

Measurement Increment

- Sphere: 0.06D, 0.12D, 0.25D
- Prism: 0.1 Δ
- Axis: 1°



YZ-30 Applanation Tonometer

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- Measurement Range: 0-80mmHg
- Light Ring Displacement: 1.53 x 2=3.06mm
- Diameter of the testing head: 7mm
- Average Error: $\leq \pm 0.5$ mmHg



YZ-7A Tonometer

YZ-7A Tonometer

is the mostly used device in hospital at present.
Each division on the scale corresponds to an indentation of 1/20mm in the cornea.



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