

Technical specifications: Keratometer

1- Automated refracto-keratometer with following features:

2- Refractive power measurement :

- (a) Sphere : -25 D to + 22 D or higher range (0.12D / 0.25 D steps).
- (b) Cylinder – OD to +/- 10 D or higher range (0.12D / 0.25 D steps)
- (c) Axis – 0 to 180° (1° / 5° steps)
- (d) Minimal measurable pupil diameter 2 mm

3- Corneal curvature measurement :

- (a) Corneal curvature radius - 5.0 to 10.0 mm or more (0.01 mm steps)
- (b) Corneal refractive power - can be 33.75 D to 67.50 D or higher range (0.12D / 0.25D steps)
- (c) Corneal refractive index = 1.3375
- (d) Cylindrical power 0 to +/- 10.0 D or higher range(0.12 D /0.25 D Steps)
- (e) Axis - 0 to 180° (1° / 5° steps)

4- Power supply 220 V/230V 50 Hz(single phase power supply in India).

5- Motorized table top.

6- Vendor has to support the specifications with manufacturer's brochure failing which offer will be rejected. Vendor has to demonstrate the equipment within specified time limit, if asked for; failing which offer will be rejected.