



MEDICAL REVITALIZATION, INC

TopCon CA-200



Features

- The CA-200F is a placido-based topography system that delivers accurate, high resolution images of the anterior corneal surface. 24 rings measure over 10,000 data points. The Topcon CA-200F incorporates 8 Blue LED's for fluorescein images which are essential for contact lens simulation. The Topcon CA-200F Corneal Analyzer can be operated as a stand alone unit, or in combination with an external PC. The combination of a 10-inch color touch screen and high speed CCD camera with auto capture and best image feature makes acquisition, operation and evaluation of the cornea fast and easy.

Specifications

- Keratoscope cone 24 rings equally spaced on a 43D sphere
- Analyzed points Over 100,000
- Measured points Over 10,000
- Corneal coverage From 0.3 (minimal diameter on a sphere of 43D) up to 10.5mm on a normal eye
- Diopter power range From 1D to over 120D
- Resolution +/- 0.01D, 1 micron
- Accuracy/Precision Axial radius $\pm 0.03\text{mm}$
altimetric data $\pm 2\mu\text{m}$ at 4mm
- Capture system Auto-capture
- Output port USB

- Working Environment: Temperature 10-40°C
- Relative humidity 30-75% (no dewing)
- Atmospheric pressure 700-1060 hPa
- Storage: Temperature 10-40°C
- Relative humidity 30-75% (no dewing)
- Atmospheric pressure 700-1060 hPa