



SW-6000

The SW-6000 is a corneal topography device for the clinical diagnosis of corneal astigmatism and analysis of the shape of the cornea. Displays the following analysis maps: Axial curvature, Tangential Curvature, Elevation, imitated keratoscope and 3D cornea, on a fixed or custom color scale. It can be used in pre-operative examination and evaluation of post-operative refractive surgery, in the diagnosis of keratoconus and in the application of contact lenses. The device has a Placido cone of 31 rings, 7936 measuring points and accuracy $\pm 0.02\text{mm}$. The cone has a small opening, so that it is close to the eye and avoids shading from the eyelids and nose when taking measurements. The diameter of the measuring area in the cornea is 10.91 mm. It has a desktop base with a chin rest so it can be placed on any table and connected to a desktop PC or laptop.

TECHNICAL DATA

Measuring Mode	Placido Cone
Coverage range of measurement	10.91 mm (Diameter)
Measuring range of Curvature radius	5.5mm-10.0mm (33.75D-61.36D)
Precision	$\pm 0.02\text{mm}$
Placido Rings	31 Rings
Measurement Points	7936 Points
Display	Axial Curvature map, Tangential Curvature Map, Elevation Map, Imitated Keratoscope Map and 3D cornea Map
Image output	High-Quality color inkjet printer

Adjust moving range

Left-Right	0 to 86mm
Forward-Backward	0 to 40mm
Up-Down	0 to 30mm
Chinrest	0 to 50mm

Cornea Contact Lenses Fitting

Function Keratoconus Detectiong Function

