

SCHEIMPFLUG CAMERA AND PLACIDO DISC

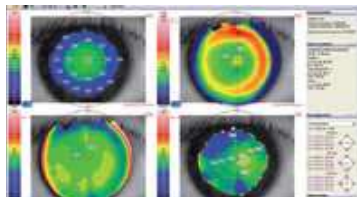
High precision instrument for the tomography of the anterior ocular segment and cornea analysis. The excellent combination between a rotating Scheimpflug camera and a Placido disk provides a complete analysis of both the entire cornea and the anterior segment.

An extremely fast guided acquisition system

- > Diagnosis
- > Pre and post cataract and refractive surgery
- > Corneal and anterior segment Scheimpflug image analysis
- > Tangential and axial curvature for the anterior and posterior corneal surface
- > Anterior refractive power, posterior refractive power and equivalent power of the whole cornea
- > Altimetric maps referred to various surfaces
- > Corneal thickness map and anterior chamber depth map
- > Corneal wavefront and visual quality analysis
- > Contact lens fitting module
- > Extremely fast alignment, acquisition, and processing (less than 10sec)
- > Retro-illumination image for densitometry



Anterior chamber analysis



Complete report

Height	510 mm (20.08 in)
Width	250 mm (9.84 in)
Depth	320 mm (12.60 in)
Weight	7 kg (15.43 lbs)
Electric power supply	(only instrument) external power supply



VX210
Diagnostic

TECHNICAL SPECIFICATIONS

REF.	8217-0210-00 (without PC) 8217-0210-01 (with PC)
Camera	Double head CCD
Light source	LED Blue (475 nm - UV free)
Working distance	80mm
Rings	22
Measured points	21632 for anterior surface, 16000 for the posterior
Processed points	more than 100.000
Covered cornea diameter	0,4 up to 12 mm diameter
Diopters range	1 to 100 D
Accuracy	± 0.25 D (half scale)