

의료장비 일반 사양서

문서번호 : 영의25-0716호

신청부서		안과	신청수량	1 set	
장비명	국문	전안부촬영장치	도입구분	분류	A28090.02[2]
	영문	OPHTHALMIC CAMERA SYSTEM		사유	노후

I. General Specification

The specifications below are basically similar or superior specifications.

A. Features :

1. Topography of anterior and posterior corneal surface.
2. Full-surface pachymetry.
3. It has two built-in cameras that can capture the anterior eye in less than 10 seconds.
4. It is also possible to measure the angle and curvature of the anterior and posterior connections of the corneal.
5. It provides maps of the elevation of each corneal area.
6. It is possible to easily explain the diagnosis results to the patient by analyzing the aberration of the anterior, posterior, and the entire corneal according to the pupil size.

B. Specifications :

1. TECHNICAL DATA

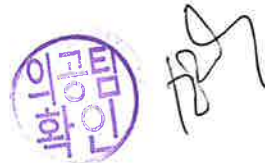
- Data transfer : USB 2.0 or more
- Power supply : 100 - 240VAC or 90 - 264VAC
- Power net cable : IEC C14 plug or similar
- Dimensions (HxWxD) : 509 x 315 x 260mm or 275 x 320-400 x 500-530mm
- Weight : 7 Kg or 9 kg
- Chin rest movement : 70mm ± 1mm or similar
- Minimum height of the chin cup from the table : 24cm similar
- Base movement (xyz) : 105 x 110 x 30mm or similar
- Working distance : 74mm or 80 mm

2. LIGHT SOURCES

- Placido disk : LED @400-700nm or similar
- Scheimpflug : LED @475nm UV-free or similar
- Pupilligraphy : LED @940nm or similar
- Fluoresceine lighting : LED @470nm or similar
- Auxiliary lighting : LED 400-700nm or similar

3. TOPOGRAPHY

- Measured points : from 42032 to 151232 for the front surface from 36400 to 145600 for the rear surface or DSP with 2746 Mio. floating point operations per second
- Topographic coverage : 12mm or similar
- Dioptic measurement range : 1D to 100D or 3 to 38 mm (9 to 99 dpt)
- Measurement accuracy : ISO 19980
- Compatibility with standard : DICOM workflow



II. Consist of : (A Model or B Model)

A - Model :

- | | |
|---|-----------------|
| 1. Measuring head on x-y-z movable base with Head/Chinrest | 1 set |
| 2. Floating license key with basic software up to 50 users | 1 key with |
| (1) Fast Screening Report | 1 full licenses |
| (2) Overview of all captured Scheimpflug images | |
| (3) Color refractive and topometric maps | |
| (4) Non-contact pachymetry maps | |
| (5) 3D chamber analyser & Tomography | |
| (6) Comparative and differential analysis of two examinations | |
| 3. Software Package Refractive | 1 licenses |

4. Software Package Cataract	1 licenses
5. Module Contact lens fitting	1 licenses
6. Module Belin/Ambrosio Display (BAD)	1 licenses
7. Holladay Report	1 licenses
8. AXL specific software, incl. IOL-power calculation	1 licenses
9. Wavefront Aberrometry of the entire eye	1 licenses
10. Objective Refraction	1 licenses
11. Retroillumination	1 licenses
12. Power supply unit	1 ea
13. USB cable and dust cover	1ea
14. Operator's Manual and User Guide	1 book
15. Computer and accessories	1 set
16. Electrically height adjustable table	1ea

B - Model :

1. Main unit	1 set
2. Chin rest paper	100ea
3. Power cable	1ea
4. Dust cover	1ea
5. Electric table	1ea
6. All-in-one pc	1ea
7. Light diffuser filter	1ea
8. -60 D lens	1ea
9. r 8 mm calibration tool	1ea

III. 특기사항

1. 무상하지보증기간 : 3년
2. 한국식약처 의료기기 수입품목허가증 사본 제출

