

구 매 규 격 서

규격서 B

HS. NO	ITEM NO.	품명(DESCRIPTION)	수량 (Q'ty)	단위 (UNIT)
		ENT Navigation System	1	SET

A. 특징(Feature)

1. The Cube 4D offers variety to accommodate your facility, including a comprehensive portfolio of ENT modules to fit your needs in any surgical setting.
2. The PointerShell open architecture platform allows you the flexibility to track your own preferred instrumentation.
3. The compact design easily integrates into any cart or tower shelf, creating valuable operating room space, while the portable VirtuLink enables you to focus on the procedure without the worry of cable mismanagement.
4. The intuitive interface guides you with on-screen instructions and audible confirmation tones, while our visual VirtuLite technology guides you with status feedback simply by looking at the navigation system.
5. We offer surgeons around the globe – in various specialties – the ability to provide an optimized patient experience, quickly and efficiently.
6. Intuitive and easy-to-use user interface
7. Fast and easy measurement of the patient through Photo Registration

B. 세부규격(Specification)

1. Electromagnetic Navigation Unit
 - 1) Dimensions : 360mm x 309mm x 142mm (WxHxD)
 - 2) Weight : 11kg
 - 3) Power Supply : 100–240V AC, 50–60Hz
 - 4) Power Input : 600VA
 - 5) Compatibility with endoscopic : up to HD 1080p, up to 60Hz Analog Video Input PAL or NTSC
2. Navigation Sensor
 - 1) The Navigation Sensor, as part of a navigation system, is indicated for any medical condition in which the use of stereotactic surgery may be appropriate, and where reference to a rigid anatomical structure in the field of ENT surgery can be identified relative to a CT or MR based model of the anatomy.
 - 2) Operating area : 2 m radius, 3.3 feet
3. Software
 - 1) No calibration/registration of instruments necessary during clinical routine
 - 2) The software utilizes a registration process based on collected surface points or taking photo
 - 3) The registration rejects surface points not matching the image data e.g. on swelling or soft skin
 - 4) The software shows the following views: Axial, Coronal, Sagittal, 3D model, Video source
 - 5) The views can be magnified step less
 - 6) The 3D model can be rotated
 - 7) The 3D model can be stripped from skin to bone using a slider
 - 8) The software provides Image fusion : using the overlay of CT and MRI data
 - 9) The software automatically detects the current operation step and displays the appropriate information.
 - 10) The system/software provides tools for documentation of the surgery: Pictures (Screenshots), PNG format Videos (AVI format, Media Player compatible)

4. Instruments

- 1) Pointer : product variants of a navigated pointer probe for image guided surgical procedures.
It can be reprocessed and used 10 times.
- 2) Localizer : product variants of a patient localizer for image-guided surgical interventions and are referred to collectively.
- 3) VirtuEye : supports the registration process for image guided surgery procedures with taking photo.

C. 구성품(Consist of)

1. Navigation Unit Cube 4D	1 EA
2. Sinus Navigation Software	1 EA
3. Fusion Navigation Software	1 EA
4. Facial Reconstruction Navigation Software	1 EA
5. Fiagon Navigation Sensor	1 EA
6. Navigation Headrest Universal	1 EA
7. Registration Pointer	1 EA
8. PointerShell Universal	1 EA
9. PC Mouse	1 EA
10. Service Keyboard	1 EA
11. Display Monitor, 32"	1 EA
12. Mobile Cart	1 EA
13. Manual	1 EA

D. 기타사항(Remarks)

1. Three years warranty.
2. The Installation and the Operation should be done by the supplier.

이비인후과장 김 동 현 (인)

