

購 買 (英 文) 規 格 書

COMMODITY DESCRIPTION

關 稅 分 類 番 號 H.S. NO.	品目番號 ITEM NO.	品 目 吳 規 格 DESCRIPTION	單 位 UNIT	數 量 QUANTITY
		IV-OCT (Intravascular Optical Coherence Tomography)	set	1

A. Features:

1. Angio Co-Registration - Compare OCT cross-sectional image and angio image
2. AI-enabled calcium detection - Automatically detect calcium lesion to display the thickness, angle, longitudinal distribution of the calcium lesion and calcium lesion distribution on angio, etc.
3. AI-enabled EEL (External Elastic Lamina, Vessel diameter) detection - Automatically detect the EEL to display the detected vessel size and distribution of EEL in the longitudinal view
4. Compare pullbacks function - Comparison of luminal expansion and the changed of minimum stented or luminal area between pre and post PCI
5. 3D mode with Angio and Cross-sectional view - 3D information about vessels and devices, etc. with angio and cross-sectional view
6. Dynamic angio screen - Compare the location where stent should be implanted comparing with angio live
7. Flexible and Guided procedure mode selection Options - Examine method based on user preference
8. Automatic lumen contour function - Automatically measure the max diameter, min diameter, average diameter of lumen
9. Measurement functions (Area, Length, % Area & % Diameter Stenosis) - Automatically display various information about lumen diameter, stenosed % and procedures
10. Automatic stent expansion - Automatically calculate stent extension
11. Automatic lumen profile - Re-construction of the size of the non-circular lumen diameter to display the uniform circular lumen diameter and automatically display the size of the lumen size on

- longitudinal view
12. Table Side Controller (TSC) - Control image acquisition directly by operator
 13. Physiology Indices FFR (Fractional Flow Reserve), RFR (Resting Full-Cycle Ratio) Measurement - Physiology exam

B. Specifications:

1. Basic Unit: Contains engine, pc, monitors, and power supply system
 - 1) PC SA F.0
 - OS: Windows 10
 - Process: 8th Generation Intel CPU
 - Computer Memory (RAM): 32.00GB
 - Hard Drive: SATA Hard Disk Drive(2TB), NVMe M.2 Solid State Drive(500GB)
 - Graphic Card: 2304 CUDA Cores, minimum
 - Monitor
 - (1) Operator Monitor: 17inch
 - (2) Physician Monitor: 19inch
 - 2) Dimensions: 145(H) x 61(W) x 71(D) cm
 - 3) Weight: 80kg
 - 4) Frame Rate: 180FPS
 - 5) Power Consumption: 400VA
 - 6) Input: 100-240V, 50/60Hz
 - 7) Video Output: SXGA 1280 x 1024 DVI-I
 - 8) Angio Video Interface Requirements:
 - Video Output Type: Digital (DVI or HDMI)
Analog (VGA, BNC-1 or BNC-3)
 - Video Resolution: Min 1024 x 1024
Max Digital 1920 x 1200
Max Analogue 1280 x 1024
 - Frame Rate: 15-30FPS
 - Mono Plane
2. Table Side Controller (TSC): Provides OCT control
 - 1) Wireless connection (Bluetooth) to basic unit and clamps to table rail
 - 2) Dimensions: 14(H) x 9(W) x 21(D) cm
 - 3) Weight: 0.7kg

3. Drive-motor and Optical Controller (DOC)
 - 1) Drives the OCT imaging catheter and provides OCT acquisition control
 - 2) Dimensions: 10(H) x 9(W) x 24(D) cm
 - 3) Weight: 1.5kg
4. Connectivity Box
 - 1) Boom monitor video connection
 - 2) Angiography system connection
 - 3) Dimensions: 9(H) x 15(W) x 27.5(D) cm
 - 4) Weight: 2.5kg
5. Wi-Box
 - 1) Provides wireless aortic pressure to basic unit
 - 2) Dimensions: 8.7(H) x 10.8(W) x 3.3(D) cm
 - 3) Weight: 0.13kg

C. Configurations:

1. Basic Unit	1set
1) PC SA F.0	1ea
2) Operator Monitor	1ea
3) Physician Monitor	1ea
4) Keyboard, Mouse	1ea
2. Table Side Controller (TSC)	1ea
3. Drive-motor and Optical Controller (DOC)	1ea
4. Connectivity Box	1set
1) X-ray connecting cable	1ea
2) Monitor connecting cable	1ea
5. Wi-Box	1set
1) PSU kit (Adapter Cable, Monitor Cable)	1ea
6. Operation & Service Manual	each 1ea

D. Remarks:

1. The equipment should be installation by contractor.
2. Three years warranty after the installation and correct operation.
3. Manufactured products must be delivered within one year based on the inspection date.
4. Products that are not scheduled to be discontinued within one year after delivery must be delivered.
5. A report must be summited after conducting a preventive inspection in accordance with the hospital medical equipment inspection regulations within the warranty period.
6. 보증기간 제외품목: 없음