

구 매 규 격 서

Commodity Description

종목 번호 Item No.	관세분류 번호 HSK No.	정부물품분류번호(8자리) Korean Government Commodity Classification Code(eight-digit)	품 명 Description	단 위 Unit	수 량 Q'ty
1	9027.30.2000	41115406	자외/가시광/적외선 분광광도계 (UV-VIS-NIR Spectrophotometer)	set	1

I. 용도(End-user's Use)

1. This equipment is for the quantitative measurement of the reflection or transmission properties of a insulating material such as rubber, resin, polyvinyl chloride, polyethylene etc. as a function of visible light, near-ultraviolet and near-infrared wavelength.
2. This equipment shall be designed and build to comply with standards such as IEC, IEEE, UL etc.

II. 장비의 구성(Configurations of Goods)

1. 본체(Main body, 주장비) : 1 set
2. Accessories(부속장비)
 - Data processing software : 1 set
 - Data processing unit(PC) : 1 set
 - Film holder : 1 set
 - Spare lamp set : 1 set

III. 성능 및 규격(Performance and Specifcation)

1. Wavelength range : (190 ~ 3,300) nm or wider
2. Display of wavelength : 0.01 nm or less
3. Wavelength accuracy
 - UV & VIS : ± 0.2 nm or less
 - NIR : ± 1.0 nm or less

4. Wavelength repeatability
 - UV & VIS : ± 0.1 nm or less
 - NIR : ± 0.5 nm or less
5. Max. wavelength scanning speed
 - UV & VIS : 2,400 nm/min or more
 - NIR : 6,000 nm/min or more
6. Light source wavelength : (325 ~ 370) nm or wider
7. Photometric system : double beam, direct ratio
8. Photometric range : (-2 ~ +5) Abs or wider
9. Photometric accuracy : ± 0.004 Abs or less
10. Photometric repeatability : ± 0.002 Abs or less
11. Noise : ± 0.0005 Abs or less
12. Baseline flatness : ± 0.004 Abs or less
13. Sample compartment(interior) : (W650 × D450 × H300) mm or bigger
14. Input power : 220 V \pm 10%, 50/60 Hz, 1 \emptyset
15. Data Processing System
 - ① Operating System : Windows 7 Professional or later
 - ② Data processing software
 - Data acquisition(measurement), processing, analysis, management, etc.
 - Report generation
 - ③ Data processing unit(PC)
 - CPU : i5 or later
 - RAM : 4 GB or more
 - LCD Monitor : 24" or larger

IV. 기타 조건(Remarks)

1. Two copy manuals in English or Korean for operation and maintenance
2. Installation and training
 - ① Location : 84, Yeonhwa-ri, Osan-myeon, Gokseong-gun, Jeollanam-do, Republic of Korea
 - ② Installation and training should be provided by contractor's qualified engineer at the customer site.
3. Contractor shall submit a calibration report
4. Final Acceptance Test should be done by contractor at KTC's site.
5. One year warranty after the issue of KTC's final acceptance certificate
6. The bidder have to submit the published standard brochure(or catalogue) for reviewing the bid proposal.