

COMMODITY DESCRIPTION

Item No.	HSK No.	Korean Government Commodity Classification Code(eight-digit)	Description	Unit	Q'ty
#33			Kinematic Viscosity Analyzer (Automatic)	System	1

I . End-user's Use

1. This system should be capable of automatically measuring and printing the Kinematic Viscosity of crud oil, lubricating oil, and petroleum products using a glass capillary viscometer
2. This system must be a complete equipment from a single manufacturer and the latest model(including software, etc.)
3. This system has to be applicable to ASTM D445, KS M ISO 3104 and ISO 3104
4. The interface of each subsystem has to facilitate LIMS network through RS-232, USB and LAN connection. In addition to controlling parameters using software for data processing, data analysis should be fast and reportable.
5. The equipment and components shall be available under 220 V $\pm$ 22 V, 60 Hz of supply power and shall be of the latest model(including software, etc.)

II . Configurations of Goods

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|-----------------------|-------|
| 1. Main body | 1 set |
| 2. Operating Software | 1 set |
| 3. Data System | 1 set |
| 4. Accessories | 1 set |

III. Remarks

1. The warranty period for the equipment shall be 5 years from the date of the inspection. (including software)
2. Engineers certified by the manufacture should conduct a installation.
3. The system' s installation and operation shall be performed at our end users' sites and supplier should provide detailed education and training on operation methods and maintenance to equipment personnel and users.
4. Suppliers must replace it with new instrument if the problem occurs more than 3 times due to the same cause or defective parts within the warranty period of the equipment.
5. Suppliers must submit a list of manufacture' s prices for spare parts and accessories related to maintenance.