

COMMODITY DESCRIPTION

Item No.	HSK No.	Korean Government Commodity Classification Code(eight-digit)	Description	Unit	Q'ty
#32			Gas chromatography (Components analyzer)	System	1

I. End-user's Use

1. This system should be able to analyze the Benzene, Toluene, Xylene, Methanol, Ethanol, MTBE, TAME, ETBE, Kerosene and other hydrocarbone in sprak-ignition engine fuels.
2. This system have to be applicable to KS M 2963 or ASTM D6730 and should include equipment and software
3. This system must be a complete equipment from a single manufacturer and should be the newest model(including software, etc.)
4. The interface of each subsystem have to convenient LIMS network by connect to RS-232, USB and LAN. Also, this system can control parameter using software and convenient report and quick analysis
5. The equipment and components shall be available 220 V $\pm$ 22 V, 60 Hz $\pm$ 0.2 Hz of supply power

II. Configurations of Goods

- | | |
|------------------------------------|-------|
| 1. Main body | 1 set |
| 2. Split/splitless capillary inlet | 2 set |
| 3. Flame ionization detector | 2 set |
| 4. Auto sampler | 2 set |
| 5. Data system | 1 set |
| 6. Opertating Software | 1 set |
| 7. Analysis Software | 1 set |
| 8. 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.