

1.10.00

Off Line laboratory model oil DGA Kit

1.10.01

Power supply : 240 V $\pm 15\%$, 50Hz $\pm 5\%$, AC, Single Phase

1.10.02

Compatibility : IEC-60567/ASTM D 3612

(2.) Linearity: above 105 range

(m.) Carrier gas flow system: The equipment shall be equipped with EPC to provide a flow of carrier gas through columns at a flow that is constant to 1% throughout even during temperature programming.

(n.) Auto sampler: System shall be able to extract gas automatically and transfer to GC unit.

1.10.04

The equipment shall be equipped with dual flow, dual column system. The inlet pressure and flow rate of the carrier gas should be controlled by electro pneumatic control as well as through data processor with digital and screen display of the pressure and the flow rates.

1.10.05

Equipment should have provision of operation with PC (with latest configuration) with Interface IEEE 488-GPIB or RS 232 c Serial Interface of LAN card. The computer should be with latest configuration having Deskjet Colour Printer with IFT Colour Monitor.

1.10.06

Software : The system should have the current windows based software with function of calibration, recalibration, Data storage, re-slope, display of recommended condition.

1.10.07

Accessories : All other accessories required for independent operation of the equipment.

i. Operation Manual

ii. Service Manual

iii. For routine maintenance of the equipment other requirements :

- The equipment must be installed/commissioned and also demonstrated for all features specified by the supplier/their authorized agent.
- 1 no. of oil sampling vessel shall be provided

1.10.08

Certified Calibration gas standard (for calibration of gas Chromatograph)

Composition:	
H ₂	100 PPM
CH ₄	100 PPM
CO	100 PPM
CO ₂	1000 PPM
Ethylene	100 PPM
Ethane	100 PPM
Acetylene	10 PPM
Propane	100 PPM
Propylene	100 PPM
To be supplied in 3 liter water capacity carbon steel or aluminium cylinder filling pressure:	120 Kg/Cm ² (approximately) or 0.5 liters aluminium container, 20 Kg/Cm ²
Stability	The standard supplied should have at least 1 Year stability
Certificate	The standard should carry a certificate which is should be traceable to NIST standard.
Preparation Tolerance	$\pm 20\%$
Certification Accuracy	$\pm 2\%$