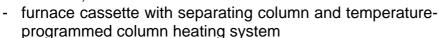
Mobile Gas Chromatograph for Dissolved gas Analysis Version 1A

Scope of delivery:

- basic device with Windows control software for evaluating documentation and customer-specific settings, with Expert System for automatic Faultdiagnosis in Insulating Oils
- thermal-conductivity detector (TCD) and flame ionization detector (FID) connected in series, Methanizer



- Automatic sample loop for easy injection of gas sample
- internal carrier gas supply (nitrogen/argon for approximately 80 operating hours)
- internal burning gas supply (hydrogen for approximately 80 operating hours)
- degassing is carried out by means of a gas extraction syringe according to DIN/IEC 60567/567; the released gas is transferred to the Injector of the GC with an injection syringe

For detection of 9 fault gases:

The scope of delivery includes the following components:

- Calibration gas Peakmaster
- 1 gas extraction syringe
- 1 seal assembly for the gas extraction syringe
- 2 three-way valves
- 1 two-way valve
- 2 connectors
- 1 tube connecting oil reservoir and syringe
- 1 injection syringe
- 1 Set Septen assembly (including 5 Septen)
- 1 unit of leakage detector gas
- 1 package of cleaning pads

following options are available:

Option: laptop as control computer:

Pentium 133 MMX

1.4 GB hard disk/16 MB RAM

12.1 inch DSTN colour LCD display with touch pad

The customer has to provide for Win 95 and Windows for Workgroups

Option: connection to external gas supply nitrogen:

> cylinder adapter, inert pressure pipe needle valve for setting cylinder pressure

security pressure relief valve, filter

high-quality steel connector to the mobile GC

Option: connection to external gas supply hydrogen:

> cylinder adapter, inert pressure pipe needle valve for setting cylinder pressure

security pressure relief valve, filter

high-quality steel connector to the mobile GC

Option: nitrogen supply, cylinder with 2 litres, 200 bar

for approximately 1,200 operating hours

Option: hydrogen supply, cylinder with 2 litres, 200 bar

for approximately 1,200 operating hours

Option: Accessory case for mobile GC

1 gas extraction syringe

1 seal assembly for the gas extraction syringe

2 three-way valves 1 two-way valve 2 connectors

1 tube connecting oil reservoir and syringe

1 injection syringe

1 unit of calibration gas Peakmaster 2 injection syringes with cannulas

1 Set Septen assembly (including 5 Septen)

1 unit of leakage detector gas 1 package of cleaning pads



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