Sulfur in Petroleum Oils
Quartz-tube Method

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Sulfur In Petroleum Oils
(Quartz-tube Method)
Determines the sulfur content within the range 0.1 to 5% by weight in petroleum oils which cannot be burned completely in a wick lamp.

Art. LT/QT-146000/M
Quartz Tube Sulfur Apparatus

- Two-place instrument mounted on a plate painted with epoxy products
- Electric stainless steel furnace with two independent places
- Two digital thermoregulators with thermocouple
- Two scrubbers
- Trap equipped with two inlet cocks for air or oxygen and two outlet cocks for combustion tubes made in transparent quartz
- Tubes provided with tapered connections at the inlet side and spherical connections at the delivery side
- Set of primary and secondary absorbers on support
- Vacuum collector with two regulating valves
- Two flow-off valves
- Two LPG Meker lamps
- Flame filter mesh for combustion tubes
- Included 20 porcelain boat

Accessories

- LT/VP-8618/K: diaphragm vacuum pump
  · 100% oil-free transfer
  · pure transfer, evacuation and compression
  · compatible with vapours and condensation
  · chemically-resistant gases and vapours
  · maintenance-free
  · environmentally friendly
  · delivery 6 l/min
  · ultimate vacuum 100 mbar abs.
  · connectors for tube ID 4 mm
  · power supply: 230V - 50Hz / 115V - 60Hz
  · weight: kg 1.9
  · dimensions: 164 × 141 × 90 mm
- LAB-101-466: flowmeter

Spare Parts

- LAB-101-461: quartz tube combustion
- LAB-101-462/A: primary absorber glassware
- LAB-101-462/B: secondary absorber glassware
- LAB-101-463: scrubber glass
- LAB-101-464: porcelain boat
- LAB-101-465: glass trap
- LAB-160-014: digital thermoregulator
- LAB-140-003: thermocouple K