

# Model SG4010

## Gastec Gas Detector System

The Gastec Gas Detector is a precision instrument which permits immediate, reliable determination of the presence and concentrations of numerous gases and vapors. It consists of a piston-type volumetric pump into which direct-reading detector tubes are inserted. Analysis is based on chemical reaction of a reagent in the detector tubes with the gas or vapor sampled. Measurement is indicated by the length of stain appearing in the tube.

The gas detector is particularly useful for quantitative measurement of gas and vapor concentrations in industrial environments. It is also useful for general laboratory analysis, and it is used extensively by health and safety inspectors in government and industry.



Gastec Gas Detector,  
Carrying Case  
and Detector Tubes

### Standard Features

- Diverse Tube Selection allows quantitative measurement of over 100 gases and vapors (see pages 167–169).
- Direct Reading Tubes provide immediate quantitative analysis.
- Linear Calibration Curve provides expandable measuring range.
- Locking Handle virtually eliminates incomplete samples.
- Exterior constructed of rubber and plastic eliminating any possibility of sparks if dropped.
- Standard Tube Tip Breaker provides a clean tip break and catches broken glass.
- Stroke Counter helps keep track of pump strokes.
- Corrosion Resistant Metal Alloy Construction prohibits deterioration from corrosive gases.
- Flow finish indicator provides for accurate full and half stroke sampling.

### Gas Detector

Gas Detector	Part No.
Gastec Gas Detector Kit including pump, carrying case, spare parts kit and laminated instruction card	SG4010

### Optional Equipment and Spare Parts

Optional Equipment and Spare Parts	Part No.
Spare Parts Kit includes lubricant and 3 rubber tube holders	SG4012
Hot Probe for taking vehicle exhaust and flue gas samples. Allows sample to cool before entering detector tube	SG4014
15 ft. Extension for taking remote samples from manholes, tanks and conduits	SG4015
Pyrotec Pyrolyzer (required for fluorocarbon detector tube part numbers SG4102-51, SG4102-51L and SG4102-51H)	SG4016



Optional 15ft. Extension



Optional Spare Parts Kit



Optional Hot Probe