

# Automatic Air Sampling Pump GSP-400FT

Flow volume of 50-1000mL/min can be set.

- Real-time flow volume and integrated flow volume are automatically corrected to the values for 20°C(68°F) or 25°C(77°F)
- Optimal suction even at maximum load



\*The products may not be sold depending on countries and regions.

## Specifications

<b>Integrated flow rate</b>	50 - 1000mL/min
<b>Real-time flow rate Parametres</b>	50mL/min : 0.0 - 37.0 kPa , 100mL/min : 0.0 - 36.0 kPa 300mL/min : 0.0 - 33.0 kPa , 500mL/min : 0.0 - 29.0 kPa 700mL/min : 0.0 - 24.0 kPa , 1000mL/min : 0.0 - 16.0 kPa
<b>Operating Temperature / Humidity range</b>	Temperature : 0 - 40 °C(32- 104 °F) Relative humidity : 10 - 90 %RH(no condensation)
<b>Dimensions</b>	150(W) x 75(D) x 100(H) mm
<b>Weight</b>	500g (including batteries)

## Detector tube

Substance to be measured	Tube no. & name		Measurin g range (ppm)	Scale range (ppm)	No. of tests per box	Detector tube type	Notes
Ammonia	3S	Ammonia	0.5-5	0.5-5	10	Automatic air sampling pump	Sampling of hazardous air pollutants
Benzene	121P	Benzene	250- 3000µg/m <sup>3</sup>	(250)- 3000µg/m <sup>3</sup>	5	Automatic air sampling pump	Sampling of hazardous air pollutants
Hydrogen sulphide	4S	Hydrogen sulphide	10-200ppb	10-200ppb	5	Automatic air sampling pump	Sampling of hazardous air pollutants
Styrene	124S	Styrene	0.2-4.0	0.2-4.0	5	Automatic air sampling pump	Sampling of hazardous air pollutants
Tetrachloroethylene	133P	Tetrachloroethylene	20- 720µg/m <sup>3</sup>	20- 300µg/m <sup>3</sup>	5	Automatic air sampling pump	Sampling of hazardous air pollutants
Trichloroethylene	132P	Trichloroethylene	20- 1200µg/m <sup>3</sup>	20- 500µg/m <sup>3</sup>	5	Automatic air sampling pump	Sampling of hazardous air pollutants

Substance to be measured	Tube no. & name		Measuring range (ppm)	Scale range (ppm)	No. of tests per box	Detector tube type	Notes
Vinyl chloride	131P	Vinyl chloride	50-1500 $\mu\text{g}/\text{m}^3$	50-1500 $\mu\text{g}/\text{m}^3$	5	Automatic air sampling pump	Sampling of hazardous air pollutants

## Options



Collection tube heater GTH-1

The air sampling is used to collect samples of harmful aldehydes, by connecting the ozone scrubber to the front stage and two DNPH collection tubes to the rear stage.

However, excessive moisture due to rain may interfere with collection by causing condensation in the collection tube.

The GTH-1 prevent voltage(plus 10°C reliable to the outside air)thus enabling reliable samoling on a 24-hour basis.

In addition, the GHT-1 has a compact and lightweight desugn so it can be attached to the GSP series.



Holder for Various Collection Tubes GSP-SH

The collection tube is set into the holder.



GSP-SH tripod adapter GSPSH-71

Necessary when installing the collection tube holder on a tripod.



Detector tube adapter GSP300-13

Installed when mounting the detector tube and the collection tube on the GSP-400FT automatic gas sampling unit.



Gas sampling pump tripod stand GSP-TRIPOD