

Air sampler

* S-21



Currently, measurements for concentration of formaldehyde is done most commonly by absorptiometric method or HPLC (high performance liquid chromatography) method. However, these methods require expensive devices, knowledge and experience.

Furthermore, in detector tube method which is effective as a simple measurement, up to this date it had been impossible to detect and measure the trace amount of formaldehyde at the indoor pollution level.

With Air sampler S-21, this newly developed detector tube is capable of measuring within the range of 0.01 - 1.2ppm. And it covers the indoor environment suggested value by WHO, which is 0.1mg/m³ (0.08ppm 30min average).

* SPECIFICATIONS

| Model Number | Air sampler S-21 |
|-----------------------------|--|
| Sampling pump | Diaphragm |
| Maximum suction pressure | More than 400hPa (At full load) |
| Flow rate settings range | 50 - 500mL/min |
| Flow Meter Accuracy | ±5% of full scale |
| Repeatability of Flow Meter | ±1% of indicated value |
| Timer function | 1 min - 99hrs.59min. with Digital setting (addition display) *It is set to stop after 30 minutes with the shipment settings display; subtraction display |
| Operating temperature range | 0 - 40°C |
| Power source | AC100V |
| Dimensions | 125(W) x 146(H) x 220(D)mm |
| Weight | 2.5kg |
| Option | Position pole to keep measuring height, tip cutter B-191 and thermometer |