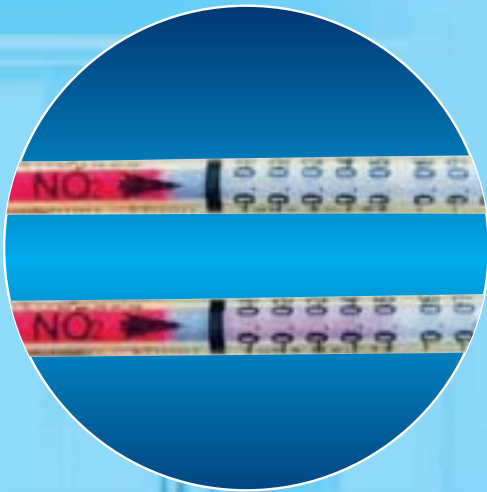


ENVIRONMENT
MEASUREMENT

SUPER HIGH SENSITIVITY DETECTOR TUBES
AND AIR SAMPLERS

For Indoor Air Quality control; to measure low level of toxic substances in the indoor and working environment.



AIR SAMPLER
S-23E



AIR SAMPLER
S-27



DETECTOR TUBES FOR ENVIRONMENT MEASUREMENT

Gas to be measured	Tube No.	Measuring range
Formaldehyde	710	0.01 - 0.48 ppm
Formaldehyde	710A	0.05 - 2.0 ppm
Formaldehyde	713	0.01 - 0.5 ppm
Ethyl benzene	721	0.05 - 1.0 ppm
Toluene	721	0.05 - 1.0 ppm
Xylene	721	0.1 - 1.4 ppm
p-Dichlorobenzene	730	0.01 - 0.4 ppm
Nitrogen dioxide	740	0.01 - 0.2 ppm
Trichloroethylene	750	30 - 920 $\mu\text{g}/\text{m}^3$
Tetrachloro-ethylene	760	30 - 920 $\mu\text{g}/\text{m}^3$

ENVIRONMENT MEASUREMENT

SUPER HIGH SENSITIVITY DETECTOR TUBES AND AIR SAMPLERS

SPECIFICATIONS

MODEL	S-23E
Air Pump	Diaphragm
Maximum suction pressure	More than 40 kPa (at full load)
Gas Sampling control mode	Time mode : Automatic pump stop by timer presetting (Accumulated volume indication available) Accumulated mode : Automatic pump stop by accumulated volume (Suctioning time indication available)
Display	Digital display by LCD
Measuring and display at momentary flow	Flow setting by needle valve Measuring range : 0.00-1.10L Minimum display : 0.01L
Measuring and display at sampling flow	Measuring range : 0.00-9999L Minimum display : 0.01L
Time setting range (Resolution)	Measuring range : 0.00-99.59(hour, minute) Minimum display : 1min. Remaining time display: Display subtraction/addition (Preset value when shipped from factory is subtraction)
Operating Temperature Range	0~40°C
Power Source	AC100V 50/60Hz (AC220V as an option)
Main body dimensions	130(W)x270(H)x283(D)mm
Main body weight	Approx. 4kg
Height for measuring	930mm(without detector tube and connecting tube) 1,000-1,050mm (with detector tube)

SPECIFICATIONS

MODEL	S-27
Air Pump	Double diaphragm
Range of flow volume setting	0.100-0.500L/min
Range of flow volume display	0.000-0.750L/min
Flow volume ranges	0.2L/min : 15-40kPa, 0.3L/min : 10-30kPa 0.4L/min : 5-25kPa, 0.5L/min : 5-20kPa
Flow volume accuracy	±5% against setting flow volume
Time setting/display	Year/Month/Date/Time
Built-in flow meter	Mass-flow sensor
Operating Temperature Range	0~40°C
Humidity	10-90%RH(without condensation)
Power Source	Lithium ion secondary battery (option) 8xAlkaline AA size battery AC adaptor (option)
Main body dimensions	145(W)x95(H)x67(D)mm (without protection part)
Main body weight	Approx. 0.65kg (including Alkaline AA size battery)
Standard accessory	Model DB-10N Battery unit for Alkaline battery Suction holder for low flow volume