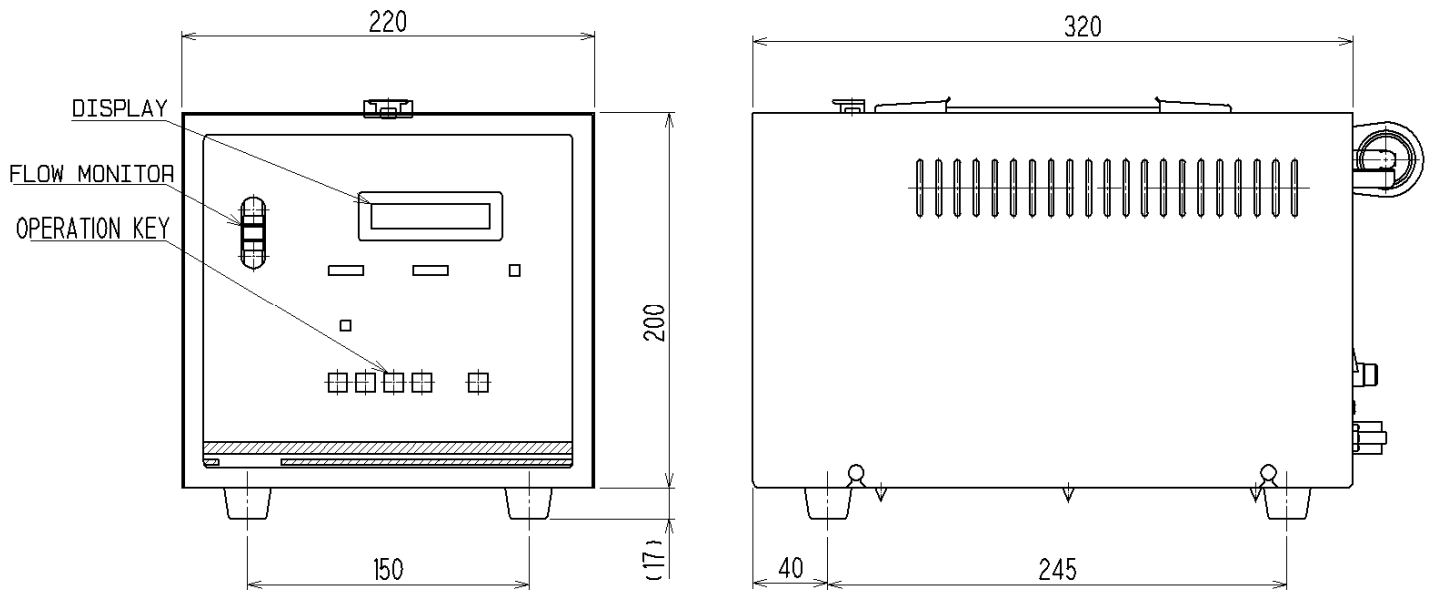


GAS MONITOR

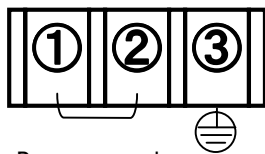
RI-557 SPECIFICATION

Detection principle	Non-dispersive infrared absorption method
Detectable gas	Combustible gas/CO/CO ₂
Gas concentration display	LCD(16digits)
Measuring range	Depend on Detectable gas
Detection method	Pump suction method
Suction flow	0.8~1.2L/min
Alarm preset point	Unsetting 【Standard】
Power indication	POWER lamp lighting(green)
Output	Gas concentration signal/Gas alarm contact/ Trouble alarm contact 【Option】
Indicate accuracy (under an identical condition)	Less than $\pm 3\%$ FS
Response time (under an identical condition)	Less than 30sec(T90) (without piping delay time)
Gas alarm type	Two-level alarm(H-HH)
Gas alarm indication	1st : WARNING lamp blinking(yellow) 2nd : ALARM lamp blinking(red)
Gas alarm action	Auto-recover
Gas alarm contact	Each no-voltage contact 1a or 1b(contact output for each alarm) Non-exciting at normal(exciting at alarm) or exciting at normal(non-exciting at alarm)
Trouble alarm・Self diagnosis	System failure/Detecting circuit failure/Zero point failure/ Flow failure
Trouble alarm indication	POWER lamp blinking(green)/Indicates error codes
Trouble alarm action	Auto-recover
Trouble alarm contact	No-voltage contact 1a or 1b Non-exciting at normal(exciting at alarm) or exciting at normal(non-exciting at alarm)
Contact capacity	AC125V・0.4A/DC30V・2A(resistive load)
Transmission scheme	Analog transmission
Specification of transmission	DC4~20mA(non-isolated・load resistance less than 300 Ω) or DC0~1V(non-isolated)
Various functions	backlight/Alarm delay/Suppress
Power supply	AC100~220V $\pm 10\%$ ・50/60Hz
Power consumption	MAX. 25VA(100V)/MAX. 35VA(220V)
Piping port	Gas inlet : $\phi 6$ Nipple(Connected with filter) Gas outlet : $\phi 6$ Nipple
Initial clear	Approx. 2min
Startup time	Approx. 60min
Operating temperature	0~40 $^{\circ}$ C(non-rapidly-vary)
Operating humidity	Less than 90%RH(non-condensing)
Structure	Desk top type
Outer dimension	Approx. 220(W) \times 200(H) \times 320(D)mm(projection excluding)
Weight	Approx. 5.7kg

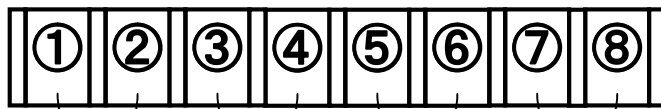
Outline Drawings



Terminal Drawings



Power supply
AC100V 50/60Hz
or
AC220V 50/60Hz



WARNING
alarm
contact

ALARM
alarm
contact

TROUBLE
alarm
contact
【Option】

Signal output
4-20mA
or
0-1V