

SPECIFICATION	RO-2	RO-20	9-3
Size	4" x 8.3" x 7.4" tall	4.2" x 7.9" x 7.7" tall	3.5" x 8.5" x 9.2" tall
Weight	3.8 lbs.	3.6 lbs.	3.3 lbs.
Chamber	208 cm ³	220 cm ³	220 cm ³
Chamber Shape	cylindrical	cylindrical	rectangular
Fill	Vented Air	Vented Air	Vented Air
Wall	Approx. 540 mg/cm ²	Approx. 1000 mg/cm ²	Approx. 1000 mg/cm ²
Window Open	7 mg/cm ²	7 mg/cm ²	7 mg/cm ²
Beta Shield	400 mg/cm ²	1000 mg/cm ²	1000 mg/cm ²
Shield Material	Phenolic	Phenolic	Phenolic
Ranges	4 decades 0-5 thru 0-5000 mr/hr	5 decades 0-5 thru 0-50,000 mr/hr	5 decades 0-5 thru 0-50,000 mr/hr
Response Time 90% of Reading	5 seconds	5 seconds	5 seconds x1/x10 3 seconds x100 - x10k
Meter Dial	2 3/8" scale length	3" scale length	2 1/2" scale length
Window Area	41 cm ²	41 cm ²	40 cm ² or 30 cm ² open
Window Protection	none	none	hex screen
Battery Sets	3 ea. 9 volt/NEDA 1604	5 ea. "C" cells 10 ea. Coin cells	2 "AA" cells
Low Battery Indication	No	No	Yes (audible)
Battery Accessibility	Internal	Internal	External
Range Switches	Off	Off	Off
	Bat 1	Battery 1	N/A
	Bat 2	Battery 2	N/A
	zero	zero	N/A
	5000 mr/hr	50 R/hr	50R/hr (x10k)
	500 mr/hr	5 R/hr	5R/hr (x1k)
	50 mr/hr	500 mr/hr	500 mr/hr (x100)
	5 mr/hr	50 mr/hr	50 mr/hr (x10)
Meter Dial	0 - 5 Battery Check	0 - 5 Battery Check	0 - 5 mr/hr BAT Test
Meter Lamp	No	Yes (with switch)	Yes (optional)
Zero Control	Yes	Yes	Yes
Audio	None	None	toggle switch
Battery Test	selector switch	selector switch	push button
Reset	selector switch	selector switch	push button
Meter Drive	0 - 0.02 milliamp	0 - 0.2 milliamp	0 - 1 milliamp
Wall Voltage	9 volt battery	30 volt battery	90 volt electronic
Electrode Shape	mushroom	mushroom	rod
Temperature Compensation	No	Yes	Yes
Battery Life Low Range	330 hours	2900 hours	600 hours
Battery Life High Range	330 hours	150 hours	120 hours
Audio	None	None	Increasing number of clicks From 0 to full scale
Reset	range switch	range switch	push button