



SunRADON Continuous Radon Monitors Comparison

		Model 1028™ XP	Model 1030™
			
Radon Detection	Classification	Active Continuous Radon Monitor	Active Continuous Radon Monitor
	Type	Solid State Photodiode Detector	Solid State Photodiode Detector
	Detector Design	Passive Airflow Diffusion	Passive Airflow Diffusion
	Chamber #	1	6
	Range	0.1 - 9999 pCi/L	0.1 - 9999 pCi/L
	Nominal Sensitivity	2.7 cph per pCi/L	15 cph per pCi/L
	Background Typical	0.2 pCi/L	0.2 pCi/L
	Background Max	0.5 pCi/L	0.5 pCi/L
	Uncertainty (1 day, 1 sigma)*	7%	3%
Test Setup	Measurement Units	pCi/L or Bq/m ³	pCi/L or Bq/m ³
	Data Point Storage Capacity	10,000	1,650
	Test Storage Capacity	10	2
	Duration	1h - 999h	1h - until memory full
	Delay	0 - 48 hours	0 - 48 hours
	Interval	1 - 12 hours	0.5 - 24 hours
	Auto-Power Off	15 - 60 min	-
Sensors	Temp/Humidity/Pressure	Optional Module	Yes
	VOC/CO2	Optional Module	-
	Motion Sensor	Yes	Yes
Operating Range	Temperature	45 - 95 F	45 - 95 F
	Rel Humidity (non condensing)	10 - 90%	20 - 90%
OneRADON™ Software Compatibility	Win	✓	✓
	MacOS	✓	✓
	iOS	✓	✓
	Android	✓	✓
	Cloud	✓	✓
Communication	Mobile	Bluetooth	Air Console/USB
	Desktop	USB	USB
	Cellular Wireless	Optional Module	-
Approvals	US NRPP	✓	✓
	CA C-NRPP	✓	✓
	NRSB	✓	✓
	Calibration Certificate	✓	✓
General	Dimension	7.5" x 4.8" x 2.9"	5.5" x 4.4" x 9.6"
	Weight	1.36 lbs	3.75 lbs
	Power Supply	AC-USB, 5VDC, 100-240V	AC-USB, 5VDC, 100-240V
	Battery Type	(4) AA Battery	(4) C Battery
	Battery Life	300h	300h
	Display	2.8" Color TFT	Monochrome LCD Line
	Controls	Resistive Touchscreen	Membrane Switch
	Tamper Protection	4-digit PIN	4-digit PIN
	Tripod Screw Mount	Yes	Yes
Compliance	Compliance	CE, RoHS, FCC, BT, EN61010/61326	CE, RoHS, EN61010/61326
	Warranty	90 days	90 days

*ANSI-AARST MS-PC 2015