

COVENANT UNIVERSITY, CANAANLAND, OTA
RESEARCH EQUIPMENT INDICATING IGR POSSIBILITIES

DEPARTMENT OF PHYSICS

S/N	Description of Equipment	Quantity			
1	Davis weather station	2			
2	Carbon monoxide meter	2			
3	Gamma/X-ray Radiation Monitor	2			
4	Digital electromagnetic Analyser	1			
5	EMF meter with triaxial datalogger	1			
6	Microwave leak detector	2			
7	Digital sound level meter	2			
8	Digital UVC light meter	2			
9	Digital Indoor light meter and Anemometer	2			
10	Digital ph meter	2			
11	ABEM Terameter LS	1			
12	ABEM Terrameter SAS1000	1			
13	Gamma Ray Spectrometer RS-125	1			
14	Aeroflex spectrum analyzer	1			
15	Germin GPS	1			
16	Sun Tracker	1			
17	RAD7 Radon detector	1			
18	KT-10 v2, Magnetic Susceptibility/Conductivity Meter	1			

DEPARTMENT OF PHYSICS

RESEARCH EQUIPMENT

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S/N	DESCRIPTION OF EQUIPMENT			
1	MS2830A Spectrum Analyzer and other accessories			
2	C band LNB, 3 mtere disc with installation & accessories			
3	LD-350 Lightning Detector			
4	COMPLETE UNIT (IGR POSSIBILITY) NaI Detector With accessories			
a	Model 905-4 NaI Scintillation Detector 3x3-1 crystal, 3-in PMT			
b	Model: DIGIBASE 14-Pin PMT Base for NaI Application			
c	Model: LEAD SHIELD G-5 Table Top Lead shield for NaI Detector			
e	Model:A35-B32 ScintiVision-32 software			
f	Training, Installation and commisioning			
5	COMPLETE UNIT (ADVANCED SENSE PRO IAQ PLUS(ASP-IAQ-PLUS)- IGR POSSIBILITY			
a	AdvancedSense Pro IAQ PlusIndoor Air Quality Survey & monitoring			
	includes 1 each. ASP-IAQ-PLUS			
b	SEN-0-O3: Ozone Sensor			
c	Sub-PCC15 for10: for the PCC-10			
d	TG-501: Toxic gas probe w/temperature sensor			
e	SEN-24-NO Nitric Oxide sensor			
f	SEN-0-H2S: Hydrogen Sulfide sensor			
g	SEN-0-CL2: Chlorine sensor			
h	PM-205AS-KIT: Thermo pDr-1500 Particulate sensor kit with built pump			
i	PM-CYC-BLUE: Blue Cylone, PM 1.0-4.0 microgram output			
j	AS-202A: Telescoping Hotwire Probe			
k	ACC-BRK1: PCC-10/PCC-15 security case			
l	CA-GS25L: VOC Gas calibration kit for Graywolf probes with SEN-TVOC-PPB low range PID sensor			

m	CA-HD2: Gas calibration hood with top inlet			
n	GWLive-ST: 1 year access to GrayWolfLive			
o	3 YEAR Calibration contract on IQ-610 probe			
p	WCSILVER-TG501: 3 YEAR Calibration contract on TG501 toxic gas probe			
q	WCSILVER-AS202A: 3 YEAR Calibration contract, Airspeed and			
	Temperature calibration			
6	COMPLETE UNIT (ORTEC GEM)- IGR POSSIBILITY			
a	ORTEC GEM Coaxial P-type, HPGe Gamma-Ray Detector - PopTop			
b	Model: MOBIUS-PT. Mobius Recycler for PopTop detector. Requires 1.5"(38.1			
c	Model: DSSPEC 50, with MAESTRO Software			
d	Model: CRYOSECURE, Programmable compressor Power controller			
e	Model: X-COOL-UPS-230			
f	Model: X-COOL- STAND, Omnidirectional Cold head stand			
g	Model:A66-B32. GammaVision-32 Gamma Ray HPGe Spectral Analysis software			
h	Model: C53-B32 NuclideNavigator III Master Library software			
i	Model: HPLBS1. Lead shield for detector assembly			
j	Model: PLG2. Two piece, close fit plug for X-COOLER cold head in HPLBS1			
K	Installation, training and commissioning			
7	TSI 7575 Q-Trak Monitor for Indoor Air Quality- Model: 7575			
8	Harshaw TLD Model 5500 Readers			
9	RAD7 Water Accessories Kits			
10	Non-Invasive Universal Multimeter L-100			
11	DIODE (Portable dosimeter for MOSFET dosimeter)			
12	QC kits (MagicMa Universal Kit)			
13	SEAWARD PV210 SOLAR PV TESTER & I-V CURVE TRACER			
14	Solar Simulator, Agilent/HPE 4351 B(USA)			
15	Ossila Spin Coater, ManualChuck type			
16	High Temp. Carbolite Furnace with 3216P1 controller			

17	SITEM/Semdi – TEM data processing and interpretation software			
18	EM34-3 Ground Conductivity Meter with accompany accessories			
19	Non-polarisable Electrodes (PbCl ₂ , 64 pieces):			
20	WCZ-3 Proton Procession Magnetometer			
21	WZG-24C/48C Engineering Seismography			