





## GSC Equipment Catalog 2019

### TERRESTRIAL ECOLOGY LABORATORY




The objective of this laboratory is to facilitate research on Galapagos terrestrial environments. Research areas related to this laboratory include eco-physiology, population ecology, community ecology, ecosystem ecology, behavior ecology, ecology and evolution, and landscape ecology. The Terrestrial Ecology Lab provides physical space, some equipment, basic materials and technical support.

**Major Equipment:** Autoclave and Precision Isomet<sup>™</sup> saw




### Equipment Catalog

Equipment	Number of units	Function	Picture
Laboratory oven sterilizer Mettmert snb-400	1	Heats samples and solutions for diverse experiments.	
Universal oven QuincyLab 10gc	1	Heats samples and solutions for diverse experiments.	

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<p>Digital analytical balance - Ohaus Pioneer</p>	<p>1</p>	<p>Allows measuring samples and materials with a precision of 0.001 g. Maximum capacity: 310 g.</p>	
<p>Stereomicroscope Lomo-Lytkarino Mbc-10</p>	<p>1</p>	<p>Designed for low magnification observation of a sample.</p>	
<p>Stereo microscope Fisher Scientific SCW-series</p>	<p>1</p>	<p>Designed for low magnification observation of a sample.</p>	

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<p style="text-align: center;">Compound Microscope</p>	<p>1</p>	<p>Uses lenses and light to enlarge images.</p>	
<p style="text-align: center;">Fume hood</p>	<p>1</p>	<p>Limits exposure to hazardous or toxic fumes, vapors or dust.</p>	
<p style="text-align: center;">Autoclave – ARI LSB100I-I</p>	<p>1</p>	<p>Sterilizes materials using pressure and steam to reach and maintain a temperature that is too high for any microorganisms or their spores to live.</p>	



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Precision Isomet™ saw	1	Used for cutting samples with high precision	
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