

Materials List for:

Evolution of Staircase Structures in Diffusive Convection

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Materials

Name	Company	Catalog Number	Comments
Rectangular tank			Custom made part
Plexiglas			Custom made part
Electric heating pad			Custom made part
Distilled water			Multiple suppliers
Optical table	Liansheng Inc.	MRT-P/B	
Thermiostors			Custom made part
Digital multimeter	Keithley Inc	Model 2700	
Micro-scale conductivity and temperature instrument (MSCTI)	PME. Inc.	Model 125	
Multifunction data acquisition (MDA)	MCC. Inc.	USB-2048	
Motorized precision translation stage (MPTS)	Thorlabs Inc.	LTS300	
Tracing paper			Multiple suppliers
LED lamp			Multiple suppliers
Camcorder	Sony Inc.	XDR-XR550	
De-gassed fresh water			Custom made part
Saline water			Custom made part
Flexible tube			Multiple suppliers
Electric magnetic stirrer	Meiyingpu Inc.	MYP2011-100	
Peristaltic pump	Zhisun Inc.	DDBT-201	
Refrigerated circulator	Polyscience Inc.	Model 9702	
Plastic soft tube			Multiple suppliers
Direct-current power supply	GE Inc.	GPS-3030	
Matlab	MathWorks Inc.	R2012a	