

Materials List for:

Thermocapillary Convection Space Experiment on the SJ-10 Recoverable Satellite

Li Duan^{1,2}, Yongli Yin³, Jia Wang^{*1}, Qi Kang^{1,2}, Di Wu¹, Huan Jiang¹, Pu Zhang¹, Liang Hu¹

¹National Microgravity Laboratory, Institute of Mechanics, Chinese Academy of Sciences

²School of Engineering Sciences, University of Chinese Academy of Sciences

³China Astronaut Research and Training Center

*These authors contributed equally

Correspondence to: Qi Kang at kq@imech.ac.cn

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Materials

Name	Company	Catalog Number	Comments
anti-creeping liquid	3M	EGC-1700	
CCD	WATTEC	WAT-230VIVID	
Displacement sensor	Panasonic	HL-C1	
Heating film	HongYu	125 Q/W335.1A	
Hydraulic cylinder	FESTO	ADVU-40-25-P-A	
Infrared camera	FLIR	Tau2	
LED	693 Institute	10257MW7C	
Monitor	PI	M-227	
Monitor controller	PI	C-863	
Pipe, 4mm	FESTO	PUN-4X0,75-GE	
polysulfone plate	507 Institute		
Refrigeration chip	Zhongke	9502/065/021M	
Silicon oil, 2cSt	Shin-Etsu	KF-96	
Solenoid	FESTO	MFH-2-M5	
Temperature controller	Eurotherm	3304	
Thermocouple, K-type	North University of China	ZBDX-HTTK	