

An Integrated Micro-Device System for Coral Growth and Monitoring

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jove.com/video/65651

Materials

Name	Company	Catalog Number	Comments
12V DC power supply	Delixi Electric Co., Ltd.	CDKU-S150W	12V12.5A
3% hydrogen peroxide solution	Shandong ANNJET High tech Disinfection Technology Co., Ltd	NULL	NULL
75% ethanol solution	Shandong ANNJET High tech Disinfection Technology Co., Ltd	NULL	NULL
Air pump	Chongyoujia Supply Chain Management Co., Ltd.	NHY-001	NULL
Air sterilizing filter	Beijing Capsid Filter Equipment Co., Ltd	S593CSFTR-0.2H83SH83SN8-A	NULL
Camera	SONY	A7r4-ILCE-76M4A	NULL
Coral nutrition solution	Red Sea Aquatics Co., Ltd.	22101	Coral nutrition
Coral pro salt (sea salt)	Red Sea Aquatics Co., Ltd.	R11231	NULL
Cycle timer	Leqing Shangjin Instrument Equipment Co., Ltd.	CN102A	220V version
Double closed quick connector	JOSOT Co., Ltd	NL4-2103T	NULL
Flow-through UV lamp	Zhongshan Xinsheng Electronic technology Co., Ltd.	211	NULL
Four-channel transformer	Dongguan Shanggushidai Electronic Technology Co., Ltd	LM2596	NULL
Macro lens	SONY	FE 90mm F2.8 Macro G OSS	NULL
Microbiome source solution	Guangzhou BIOZYM Microbial Technology Co., Ltd.	303	NULL
Mini-photo studio	Shaoxing Shangyu Photography Equipment Factory	CM-45	NULL
PID temperature controller	Guangdong Dongqi Electric Co., Ltd.	TE9-SC18W	SSR version
Pump (for water)	Zhongxiang Pump Co., Ltd.	ZX43D	Seaswater version
Pure water machine	Kemflo (Nanjing) environmental technology Co, ltd	kemflo A600	NULL
Solid-state relay	Delixi Electric Co., Ltd.	DD25A	NULL
Surface active agents	Guangzhou Liby Group Co., Ltd.	Libai detergent	NULL

Three-channel timer	Leqing Changhong Intelligent Technology Co., Ltd.	CHE325-3	220V version
Water sterilizing filter	Beijing Capsid Filter Equipment Co., Ltd	S593CSFTR-0.2H83SH83SN8-L	NULL