

Materials List for:

# Hydrogen Charging of Aluminum using Friction in Water

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## Materials

Name	Company	Catalog Number	Comments
Air furnace	GC	QC-1	
Aluminum alloy plates	Kobe Steel		Al/1.0 mass% Mg/0.8 mass% Si
Electric balance	A&D	HR-200	
Glass container			Custom made
Magnetic stirrer	CORNING	PC-410D	
Optical Comparator	NIKON	V-12B	
pH meter	Sato Tech	PH-230SDJ	
Quartz tube			Custom made
Rotary polishing machine	IMT	IM-P2	
Secondary electrom microscope	JOEL	JSM-5310LV	
Sensor gas chromatograph	FIS Inc.	SGHA	
Silicon carbide emery paper	IMT	531SR	
Tensile testing machine	Toshin Kogyo	SERT-5000-C	
Tubular furnace	Honma Riken		Custom made