

Supporting information

Design and Fabrication of a Robust Chitosan/Polyvinyl Alcohol-Based Humidity Sensor energized by a Piezoelectric Generator

Zeeshan¹, Afaq Manzoor Soomro² and Sungbo Cho^{1,3*}

¹Department of Electronic Engineering, Gachon University, 1342 Seongnamdaero, Seongnam-si 13120, Korea; zeeshan@gachon.ac.kr

²Department of Electrical Engineering, Institute of Business Administration University, Sukkur 65200, Pakistan; afaquemanzoor@gmail.com

³Department of Health Science and Technology, GAIHST, Gachon University, Incheon 21999, Korea; * Correspondence: sbcho@gachon.ac.kr;.

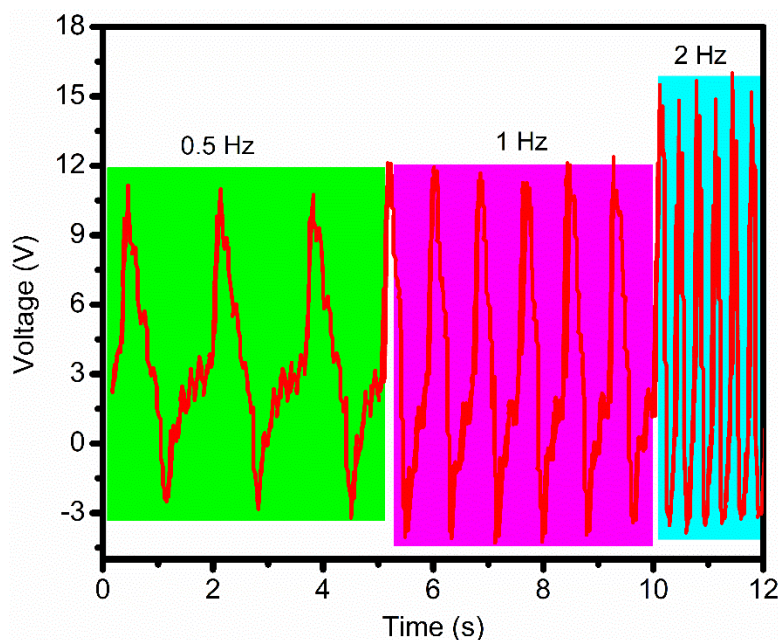


Figure S1. Voltage output at different frequencies of impact vibrations measured across a load resistance of 10 Mohms.

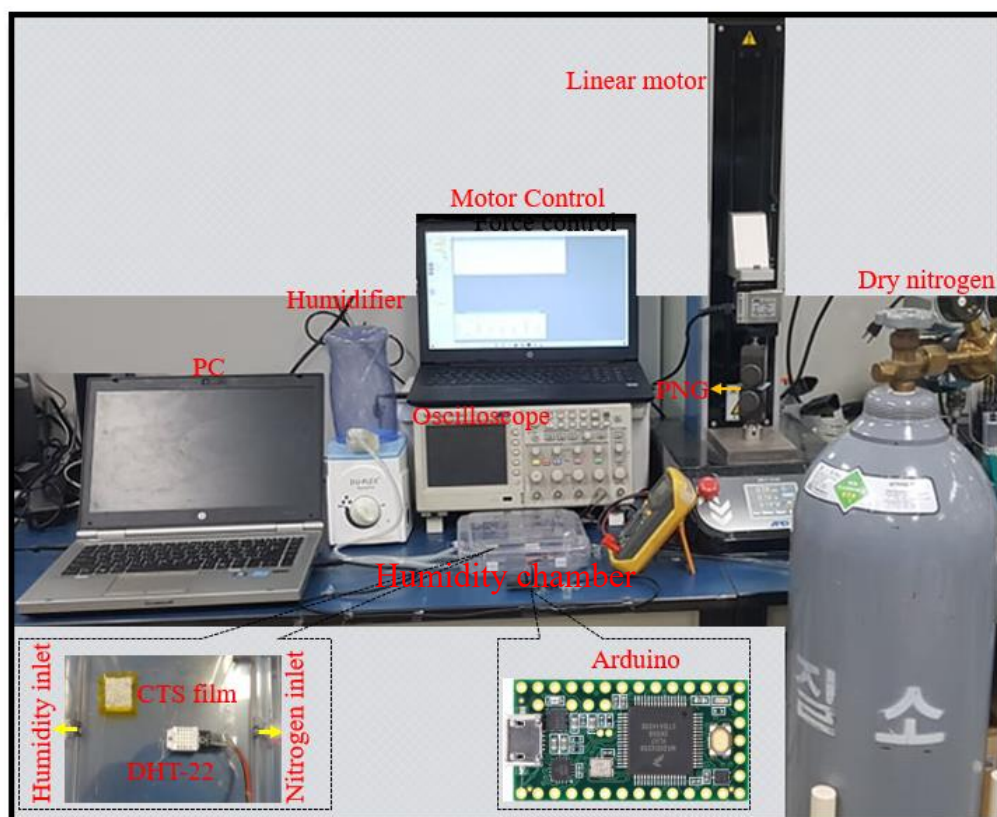


Figure S2. Operating setup of self-powered humidity testing and data acquisition.