

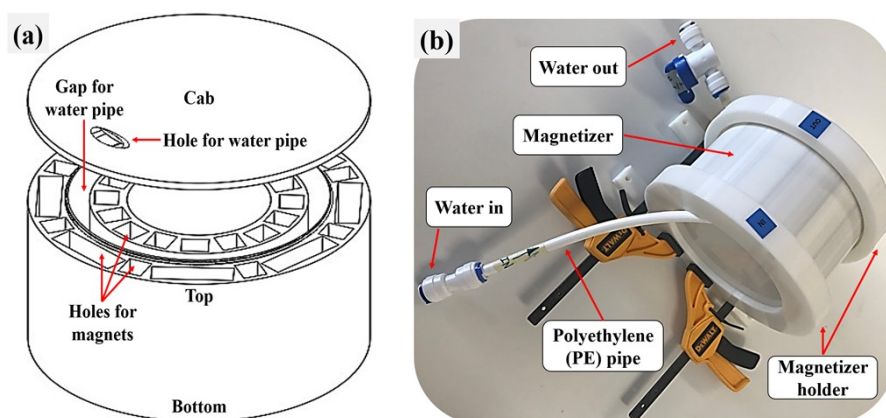
*Supporting information for:*

**Effect of a magnetic field produced by Halbach array magnetizer on water UV absorption,  
removal of scale and change in calcium carbonate polymorph**

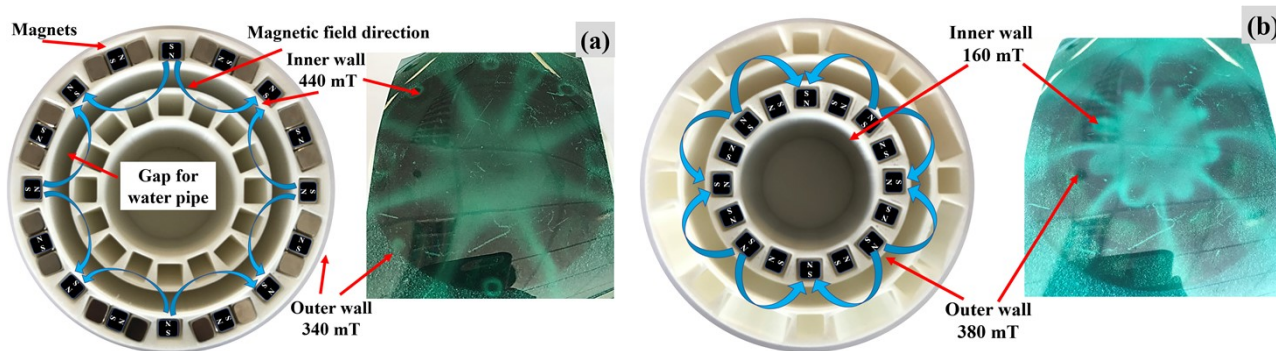
Chuchai Sronsri\*, Wanpasuk Sittipol, Kongpop U-yen

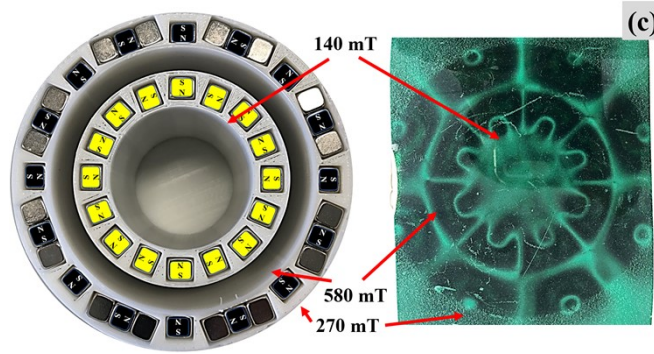
Future Innovation & Research in Science and Technology, Faculty of Engineering, Chulalongkorn  
University, Bangkok 10330, Thailand

Corresponding author: chuchai\_sronsri@hotmail.com



**Figure S1** Designed magnetizer used to magnetize samples (a) and magnetizer components (b)

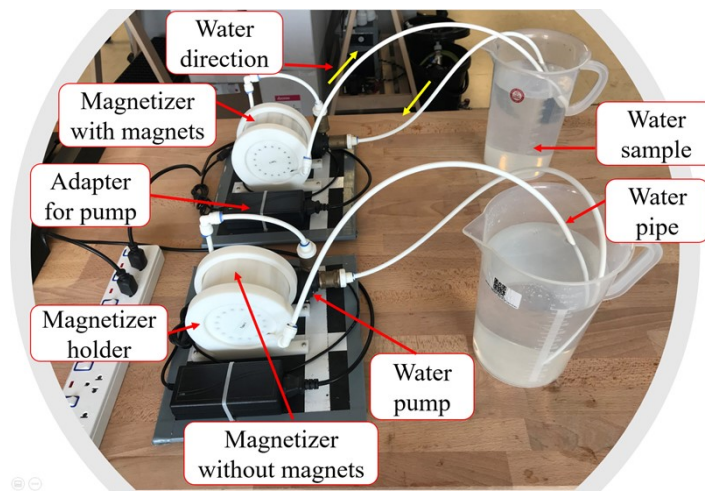




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19 **Figure S2** Three different magnetic configurations: outside Halbach array (a), inside Halbach array  
20 (b), and dual Halbach array (c)

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23 **Figure S3** Experimental setup applied to investigate the different results between magnetized  
24 (device with magnets) and unmagnetized (device without magnets) samples

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