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Design of Low Cost Pipe Fitting Device for High-throughput Screening Reactor for Screening of Methanol Synthesis Catalyst

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The high-throughput screening (HTS) reactor using the 96 well microplate system is useful for the optimization of Cu oxide catalyst for methanol synthesis. However, the number of parallel lines is sometimes insufficient for novel catalyst screening. Therefore, a low cost pipe fitting device and low cost HTS reactor for catalyst screening were designed.

Keywords: [Combinatorial chemistry](#), [High-throughput screening](#), [96 well microplate](#), [Methanol synthesis](#)



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