

## Rancang bangun spin coater berbasis mikrokontroler = The design of microcontroller based spin coater

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### Abstrak

Telah berhasil dibuat rancang bangun spin coater yang mampu diatur kecepatan putarnya dengan kecepatan putar dari 0 – 13.000 rpm, ruang sampel dan peletakan sampel menggunakan system vacuum, dan lamanya durasi proses pembentukan sampel dapat diatur. Penggunaan system vacuum untuk menghindari pengaruh udara disekitar ruang vacuum, dan system vacuum digunakan untuk peletakan sampel agar peletakan sampel tidak menggunakan double tip.

.....Has successfully created a spin coater design capable of rotation speed set by the rotational speed from 0 - of 13,000 rpm, chamber of sampel and the laying of the samples using a vacuum system, and time duration for the processed formation of the sample can be arranged. This design used vacuum system to avoid the influence of the air surrounding at the vacuum chamber, and a vacuum system used for the laying of the sample so that the laying of the sample did not use a double tip.