

## DAFTAR PUSTAKA

- [1] J. R. Leiberman, E. Tauber, M. Mazor, I. Beckman, and H. C. Wallenburg, "A Review on Centrifugation in the Pharmaceutical Industry," *Am. J. Biomed. Eng.*, vol. 119, no. 12, pp. 452–455, 1990, doi: 10.5923/j.ajbe.20150502.03.
- [2] D. Daniel, "Peraturan Menteri Kesehatan Republik Indonesia Nomor 54 Tahun 2015 pasal 4 ayat 1," *Nhk 技研*, vol. 151, pp. 10–17, 2015, doi: 10.1145/3132847.3132886.
- [3] R. Bobo, "Centrifuges," pp. 475–488, doi: 10.1016/B978-0-12-821341-4.00021-X.
- [4] J. E. E. Sinaga, G. Budianto, V. L. Pritama, and Suhendra, "Comparison of Infrared and Optocoupler Sensors Performance for Lab-Scale RPM Measurement System," *Indones. Phys. Rev.*, vol. 6, no. 1, pp. 114–123, 2023, doi: <https://doi.org/10.29303/ip.r.v5i2.150>.
- [5] M. I. BIN ZAKARIAH, "CONTACTLESS TACHOMETER," *Fac. Electr. Electron. Eng. Univ. Malaysia Pahang*, vol. 1, no. 2, pp. 1–24, 2010.
- [6] M. Ehikhamenle and B. O. Omijeh, "Design and Development of a Smart Digital Tachometer Using At89c52 Microcontroller," *Am. J. Electr. Electron. Eng.*, vol. 5, no. 1, pp. 1–9, 2017, doi: 10.12691/ajeee-5-1-1.
- [7] P. Mishra, S. Pradhan, S. Sethiya, and V. Chaudhary, "Contactless Tachometer With Auto Cut Off," *Int. Res. J. Eng. Technol.*, vol. 4, no. 4, pp. 369–371, 2017, [Online]. Available:

www.irjet.net

- [8] H. Asadina, T. Hamzah, D. Titisari, and B. Utomo, "A Centrifuge Calibrator Based on Personal Computer Equipped with Data Processor," *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 1, no. 1, pp. 14–19, 2019, doi: 10.35882/ijeeemi.v1i1.3.
- [9] R. Bonert, "Digital Tachometer with Fast Dynamic Response Implemented by a Microprocessor," *IEEE Trans. Ind. Appl.*, vol. IA-19, no. 6, pp. 1052–1056, 1983, doi: 10.1109/TIA.1983.4504334.
- [10] L. F. Wakidi, "Internal Calibration For Centifuge Using A Digital Tachometer as a Synergistic Collaboration Between the Health Polytechnic of the Ministry of Health Surabaya and the Turi Lamongan Health," vol. 1, no. 1, pp. 23–27, 2022, doi: <https://doi.org/10.35882/ficse.v1i1.x>.
- [11] A. Kiryanov, V. Kiryanov, and V. Chukanov, "Control Accuracy Enhancement for Precision Angle Measuring Structures," *2018 14th Int. Sci. Conf. Actual Probl. Electron. Instrum. Eng. APEIE 2018 - Proc.*, pp. 246–251, 2018, doi: 10.1109/APEIE.2018.8546125.
- [12] N. K. SINHA, "High-Resolution Precision Digital Tachometer," *IEEE Trans. Instrum. Meas.*, vol. IM, no. 2, pp. 144–148, 1972.
- [13] V. Dwivedi, R. Parab, and S. Sharma, "IRJET- Design of a Portable Contact-less Tachometer using Infrared Sensor for Laboratory Application Design of a Portable Contact-less Tachometer using Infrared Sensor for Laboratory

- Application,” *Int. Res. J. Eng. Technol.*, no. June, p. 1324, 2019, [Online]. Available: [www.irjet.net](http://www.irjet.net)
- [14] A. S. Kumar, C. Venkatesh, and K. V. D. P. | S. Balaji, “Digital Tachometer using Aurdino,” *Int. J. Trend Sci. Res. Dev.*, vol. Volume-3, no. Issue-3, pp. 1341–1342, 2019, doi: 10.31142/ijtsrd23223.
- [15] S. Das, P. B. Deb, S. Chakraborty, N. Nag, M. Laha, and P. S. Majumdar, “Contactless Speed Monitoring And Displaying,” pp. 3–5, 2016, [Online]. Available: [www.irjet.net](http://www.irjet.net)
- [16] M. Cariappa, PK and Shweta, A and Pooja, D and Sudharani, BT and Geetha, “Contact-Less Tachometer,” *Int. J. Eng. Res. Technol.*, vol. 6, no. 13, pp. 1–3, 2018, [Online]. Available: [www.irjet.net](http://www.irjet.net)
- [17] M. U. Hasanah and P. Puspitasari, “The Effect Of Centrifugation Speed On The Results Of Urine Sediment Examination,” *Medicra (Journal Med. Lab. Sci.)*, vol. 5, no. 2, pp. 104–108, 2022, doi: 10.21070/medicra.v5i2.1668.
- [18] I. Maulidin, D. Titisari, and A. Kholiq, “Tachometer Berbasis Mikrokontroler Dilengkapi Fitur Timer,” p. 1234 5678, 2019.
- [19] T. R. ) Ria Adillah, Syaifudin, “Tachometer Berbasis Mikrokontroler Dilengkapi Dengan Mode Pengukuran (Rpm Dan Km,” *Tachom. Berbas. Mikrokontroler Dilengkapi Dengan Mode Pengukuran (Rpm Dan Km)*, pp. 1–9, 2017, [Online]. Available: <http://digilib.poltekkesdepkes-sby.ac.id/public/POLTEKKESBY-Studi-1540->

draftSEMINAR.pdf

- [20] Q. Sun, J. Bai, L. Du, Z. Fan, and H. Hu, “Investigation on high rotational speed calibration device Investigation on high rotational speed calibration device,” *Natl. Inst. Metrol. Beijing, China*, vol. 2, pp. 1–5, 2018, doi: 10.1088/1742-6596/1065/22/222001.
- [21] TimWaveshare, “Laser Sensor User Manual,” pp. 1–3, 2017.
- [22] Espressif Systems, “DOIT Esp32 DevKit v1 Pin Mapping,” 2021.
- [23] Maxim, “DS3231 RTC General Description,” *Data Sheet*, p. 20, 2015.
- [24] D. Specifications and M. Specifications, “Datasheet LCD OLED 1.3 INCHI”.