

JEEE-U (Journal of Electrical and Electronic Engineering-UMSIDA)

Vol 6 No 2 (2022): October, 166-175

Control System

Tablespoon Sterilization Devices Use Ultraviolet (UV) Automatically To Prevent The Spread Of A Covid-19

Alat Sterilisasi Sendok Makan Menggunakan Ultraviolet (UV) Secara Otomatis Untuk Mencegah Sebaran Covid-19

Rika Apriliana Didik Riyanto Rhesma Intan Vidyastari Muhammadiyah University Ponorogo Muhammadiyah University Ponorogo Muhammadiyah University Ponorogo

A spoon is a tool to be used instead of a hand in reaching for something. It was rounded, hollow, and round. Most of the use of spoons apart from home is also used extensively by food merchants. Tablespoons among the traders were used interchangeably by the buyers. The cleanliness of eating utensils is an important factor and has an impact on the quality of food. Less hygenic washing may include bacteria such as e. coli, vibrio, clostridium, salmonella, staphylococktail, bacillius sp. for that matter, equipment laundering is essential. A study of the problem will prevent the spread of various viruses and bacteria. One is by making an instrument that can be used to sterilize the tablespoon by using a uv exposure. According to tests taken at upt the ponorogo area health lab, feeding utensils are said to be sterile ata minimum of 5 minutes of the uv fishing and broadcasting process.

References

- 1. P. B. D. P. Nasional, Kamus Bahasa Indonesia. Jakarta: Pusat Bahasa, 2008.
- 2. N. Permatasari, "Gambaran Kontaminasi Bakteri Pada Peralatan Makan Anak Di Tk Teratai Unm Makassar Tahun 2017," Dep. Kesehat. Lingkungan, FKM Univ. Hasanuddin, pp. 1–94, 2017.
- 3. R. B. N. Or Caspi, Michael J. Smart, "Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-," Ann Oncol, no. January, pp. 19–21, 2020.
- 4. R. P. Medika, "Standar Prosedur Operasional (SPO) Pencucian Alat Makan," p. 2014, 2014.
- 5. F. Zuhri Ramdhani, D. R. Riyanto, and D. Desriyanti, "Electronic Sterilization of Tableware Using Ultraviolet Light Radiation," JEEE-U (Journal Electr. Electron. Eng., vol. 4, no. 1, pp. 89–101, 2020, doi: 10.21070/jeeeu.v4i1.316.
- 6. R. Bangun, S. Parkinson, M. K. Filter, and M. A. Fadilla, "Program Studi Diploma Komputer Fakultas Ilmu Komputer," 2020.
- 7. S. Hadi Wirdyanto, D. Desriyanti, and R. Intan Vidyastari, "Cooling System for Field Service Clothes Pt. Pln Persero based on Arduino Nano," JEEE-U (Journal Electr. Electron. Eng., vol. 4, no. 2, pp. 169–180, 2020, doi: 10.21070/jeeeu.v4i2.828.