

## DAFTAR ISI

**LEMBAR PERSETUJUAN** Error! Bookmark not defined.

**LEMBAR PENGESAHAN PENGUJI**Error! Bookmark not defined.

**ABSTRAK** Error! Bookmark not defined.

**ABSTRACT** Error! Bookmark not defined.

**KATA PENGANTAR** Error! Bookmark not defined.

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**DAFTAR TABEL** Error! Bookmark not defined.

**BAB 1** Error! Bookmark not defined.

**PENDAHULUAN** Error! Bookmark not defined.

1.1. Latar Belakang Masalah **Error! Bookmark not defined.**

1.2. Batasan Masalah **Error! Bookmark not defined.**

1.3. Rumusan Masalah **Error! Bookmark not defined.**

1.4. Tujuan **Error! Bookmark not defined.**

1.4.1. Tujuan Umum **Error! Bookmark not defined.**

1.4.2. Tujuan Khusus **Error! Bookmark not defined.**

- 1.5. Manfaat **Error! Bookmark not defined.**
- 1.5.1. Manfaat Teoritis **Error! Bookmark not defined.**
- 1.5.2. Manfaat Praktis **Error! Bookmark not defined.**

**BAB 2** **Error! Bookmark not defined.**

**TINJAUAN PUSTAKA** **Error! Bookmark not defined.**

- 2.1. Studi Pustaka **Error! Bookmark not defined.**
- 2.2. *Infusion Pump* **Error! Bookmark not defined.**
- 2.2. *Syringe Pump* **Error! Bookmark not defined.**
- 2.3. Kalibrasi **Error! Bookmark not defined.**
  - 2.3.1. Kalibrasi *Infus Pump* dan *Syringe Pump* **Error! Bookmark not defined.**
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  - 2.3.3. Ketidakpastian Pengukuran **Error! Bookmark not defined.**
  - 2.3.4. Sumber Ketidakpastian **Error! Bookmark not defined.**
  - 2.3.5. Analisa Data dan Perhitungan Ketidakpastian **Error! Bookmark not defined.**
- 2.4. *Infusion Device Analyzer* **Error! Bookmark not defined.**

- 2.5. *Flow rate*                      **Error! Bookmark not defined.**
- 2.6. Sensor Tetesan Infus              **Error! Bookmark not defined.**
- 2.7. *Solenoid Valve*              **Error! Bookmark not defined.**
- 2.8. Arduino Nano                      **Error! Bookmark not defined.**
- 2.9. LCD Karakter 16x2              **Error! Bookmark not defined.**
- 2.10. Data Logger Arduino              **Error! Bookmark not defined.**

**BAB 3**                                      Error! Bookmark not defined.

**METODOLOGI**                              Error! Bookmark not defined.

- 3.1. Diagram Blok Sistem              **Error! Bookmark not defined.**
- 3.2. Diagram Alir Program              **Error! Bookmark not defined.**
  - 3.2.1. Diagram Alir Program Arduino              **Error! Bookmark not defined.**
  - 3.2.2. Diagram Alir Program PC **Error! Bookmark not defined.**
- 3.3. Diagram Mekanis Sistem              **Error! Bookmark not defined.**

- 3.4. Perancangan Penelitian      **Error! Bookmark not defined.**
- 3.5. Alat dan Bahan      **Error! Bookmark not defined.**
  - 3.5.1. Alat      **Error! Bookmark not defined.**
  - 3.5.2. Bahan :      **Error! Bookmark not defined.**
- 3.6. Variabel Penelitian **Error! Bookmark not defined.**
  - 3.6.1. Variabel Bebas      **Error! Bookmark not defined.**
  - 3.6.2. Variabel Terikat      **Error! Bookmark not defined.**
  - 3.6.3. Variabel Kontrol      **Error! Bookmark not defined.**
- 3.7. Definisi Operasional Variabel      **Error! Bookmark not defined.**
- 3.8. Teknik Analisis Data      **Error! Bookmark not defined.**
  - 3.8.1. Rata-rata      **Error! Bookmark not defined.**
  - 3.8.2. Standart Deviasi      **Error! Bookmark not defined.**
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<b>PEMBAHASAN</b>	Error! Bookmark not defined.
5.1. Rangkaian	<b>Error! Bookmark not defined.</b>
5.1.1. Rangkaian Driver Solenoid Valve	<b>Error! Bookmark not defined.</b>
5.1.2. Rangkaian Sensor <i>Infrared</i> dan Photodioda	<b>Error! Bookmark not defined.</b>
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6.1. Kesimpulan **Error! Bookmark not defined.**

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**DAFTAR PUSTAKA**

**LAMPIRAN**