

DAFTAR GAMBAR

Gambar 2. 1 Infusion Device Analyzer	15
Gambar 2. 2 Infus Pump	17
Gambar 2. 3 Syringe Pump	18
Gambar 2. 4 Sensor Infrared Photodioda	31
Gambar 2. 5 Cara Kerja Sensor Infrared Photodioda	31
Gambar 2. 6 Konfigurasi Pin Arduino Mega.....	34
Gambar 2. 7 Selenoid Valve	36
Gambar 2. 8 Data Logger	37
Gambar 2. 9 SD Card.....	39
Gambar 2. 10 LCD TFT	41
Gambar 2. 11 Modul Relay 4 Chanel	42
Gambar 2. 12 Motor DC Pump.....	42
Gambar 3. 1 Blok Diagram	45
Gambar 3. 2 Diagram Alir	47
Gambar 3. 3 Diagram Mekanisme Sistem	49
Gambar 4. 1 Modul Tampak depan	61
Gambar 4. 2 Modul Tampak Samping	62
Gambar 4. 3 Modul Tampak Belakang.....	63
Gambar 4. 4 Bagian Dalam Modul.....	64
Gambar 4. 5 Syringe Pump Terumo TE-331	65
Gambar 4. 6 IDA Fluke 4Plus	66

Gambar 4. 7 Grafik Rata-Rata Modul TA dan Modul Pembanding.....	77
Gambar 4. 8 Hasil IDA Merk Fluke 4Plus Set 10ml/h Terumo.....	79
Gambar 4. 10 Hasil IDA Merk Fluke 4Plus Set 50ml/h Terumo.....	80
Gambar 4. 12 Hasil Grafik IDA Merk Fluke 4Plus Set 100ml/h Terumo.....	81