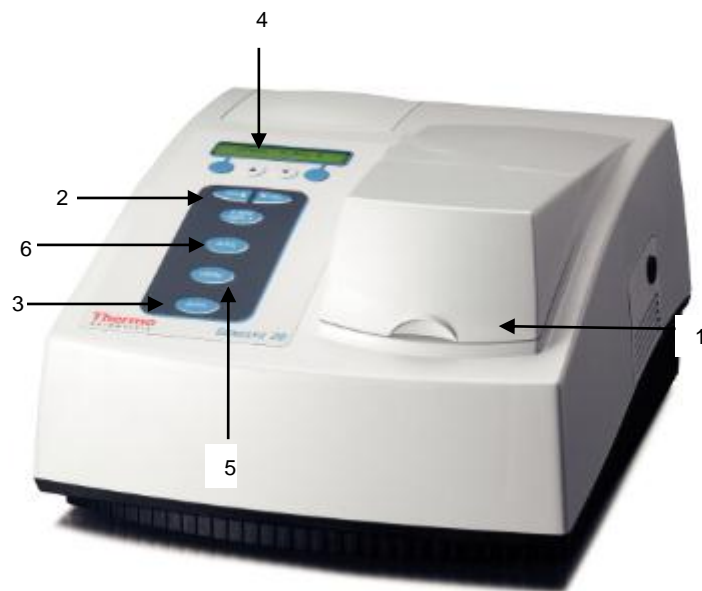


## BAB IV

### PERANCANGAN ALAT

#### 4.1. Gambar Alat



**Gambar 5. Rancangan Alat Spektrofotometer**  
(Sumber : Anonim<sup>4</sup>, 2015)

Keterangan :

1. Peletakan Sampel
2. Panjang Gelombang Kontrol
3. Tombol ON/OFF
4. Pembacaan LCD Digital
5. Tombol Pemilihan MODE
6. Tombol 100%T/0-Absorbansi

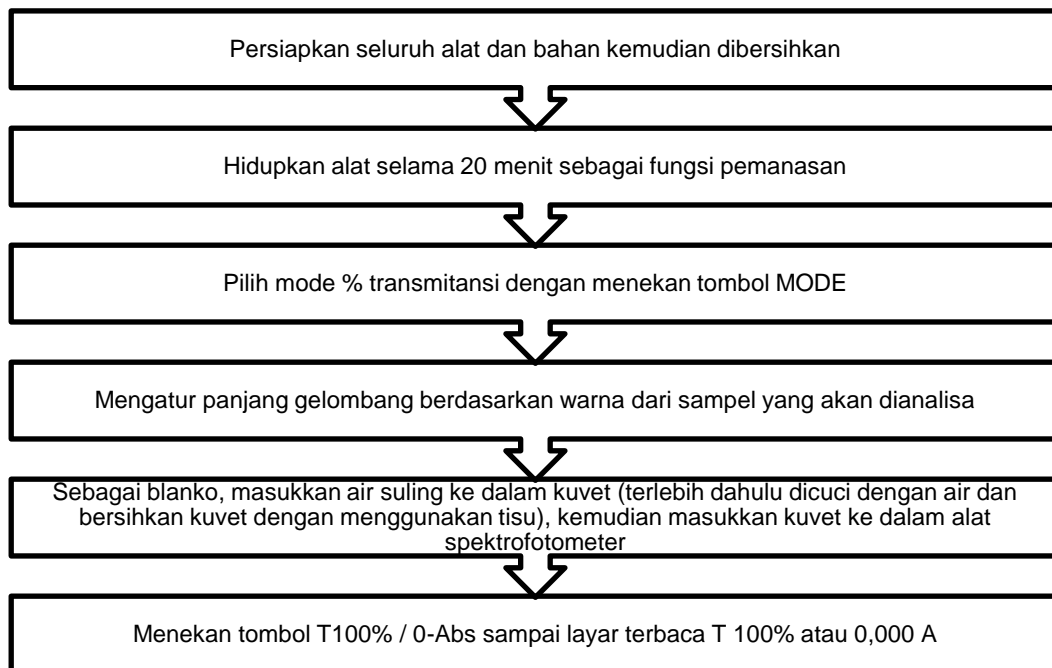
#### 4.2. Spesifikasi Alat :

**Tabel 3. Spesifikasi Alat Spektrofotometer Spectonic Genesys 20 Visible**

Spesifikasi	Keterangan
Optical Design	Single Beam
Spectral Bandwidth	Less than or equal to 8 nm
Light Source	Tungsten - Halogen (typical service life of 1000 hours)
Detector	Silicon Photodiode
Wavelength	325 - 1100nm (+/-2.0 nm)
Display	20-character, 2 – line LCD
Power	Selected automatically; 100-240 Volts
Dimensions	12"W x 13"D x 7"H
Weight	10lbs.
Merk	USA
Product Type	Spectrophotometer Visible

(Sumber : Anonim<sup>4</sup>, 2015)

#### 4.3 Cara Kerja Alat Spektrofotometer Spectonic Genesys 20 Visible



**Gambar 5. Cara Kerja Spektrofotometer Spectonic Genesys 20 Visible**