

**COUNTER HEART BEAT  
ACCOMPANITED WITH 10 DISPLAY LATEST DATA**

**Shela Asta Juliani, Bambang Giri Atmaja, Tatiya Padang Tunggal**

Program Studi Teknik Elektromedik

Program Vokasi Universitas Muhammadiyah Yogyakarta

Email: [selaselaj@gmail.com](mailto:selaselaj@gmail.com)

***ABSTRACT***

*Examination ECG carried out sector in health care institutions, so it can not be done independently given the costs are very expensive and need analysis from specialists, so need to be made a tool that is practical and operable to detect a heartbeat.*

*This module works on the principle of utilizing finger sensor placed index sensor with a measurement of 15 second has appeared magnitude premises pulse time of 1 minute (BPM).*

*Based on measurement BPM error results obtained by 0,075% if the average error in any data retrieval measurement of the percentage value 75,3% . of the total measurement of the total measurement*

*keyword : Ecg, Bpm, Finger Sensor*