



part and performs the measuring sequence by means of microcontroller. From the technical and functional testing, the testing results were satisfactory and acceptable, with the average error tested by the NIBP tester being less than 7.6%, 2.3%, and 5.8% in systolic, diastolic and mean arterial pressure measurement, respectively. This NIBP monitor is also suitable for use in the operating and recovery room, where the patient movement artifacts are very low.