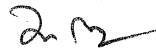


## TECHNICAL SPECIFICATION

### B.P. INSTRUMENT

1. Sphygmomanometer should be aneroid type having measurement range from 0 to 300 mmHg, provided with adult arm cuffs of size medium & large and pediatric cuff.
2. Sphygmomanometer should be as per IS standard / European CE marked for better quality.
3. The dial manometer markings and graduations should be permanent and clearly visible and filled with pigments, with minimum diameter of 50 mm or more.
4. Body & Bazel – Aluminum die casted (Powder coated), screw type baze. Sensing-corrugated phosphorous bronze twin capsule bellows. Movement mechanism – Brass, Connection: brass, nickel plated for 3-4 mm rubber hose, Pointer – White coated, thin & sharp made of phosphorous Bronze, Window lenses – Clear plastic.
5. **Guarantee:** One year from the date of supply/delivery against any manufacturing defects.
6. All plastic parts, if any used should not crack, flake, peel or disintegrate in normal use conditions & all parts should be replaceable in case of breakage during guarantee period.
7. The inflating rubber bag should be capable of withstanding an internal pressure of 400 mmHg without leaking. The fastening arrangements of the cuff should be of hook and loop type (Velcro). The threading and fastening arrangement of the cuff should show no sign of slip or failure when subjected to the maximum test conditions.
8. The inflating bulb should be soft without any joints or ridges.
9. The rubber tubes used should have an internal diameter of  $3 \pm 0.5$ mm and the external diameter should not be less than 8mm. The tubes should be fitted with male and female luer connectors.
10. All unit provided in a carry bag to keep the whole system safe and sound.



**Executive Director (EPM)**  
**Rajasthan Medical Services Corporation Ltd.,**  
**Jaipur**