**Sphygmomanometer (wall mountable)**

Product description:

Device used for the indirect (non-invasive) measurement of arterial blood pressure

Wall mountable, screws and wall anchors included

Rotation at 90-110°

The sphygmomanometer is composed of cloth cuff containing an inflatable bag.

Connected via a tube to a flexible bulb with valve and integrated manometer needle gauge.

Material for cuff: durable nylon, non-deformable, washable at 30ºC.

Material for tube: rubber.

Very strong cuff with double velcro fastening, enabling it to be adjusted to fit tightly around the arm.

Cuff reinforced at both ends.

Dimensions of cuff: approx. 570 x 145mm.

The bag is inflated by means of a flexible bulb connected via a tube (length 50 to 80cm flexible and reliable quick connector).

Spiral hose, 3m length

The quick connector can easily be connected to all types of inflation bulbs.

Rubber inflation bulb with integrated manometer needle gauge and pressure release valve.

Glass and metal aneroid pressure gauge with needle.

Diameter of dial: 150mm

Dial graduation: 0 to 300mmHG with +/-3 mmHg accuracy as per BS EN 1060-1 [5].

With pressure release valve.

Easily to grip bulb.

Instructions for use:

For the measurement of arterial blood pressure.

Packaging and labelling:

One (1) sphygmomanometer (adult) in a box or case or bag with manufacturer's instruction for use in English, French and Spanish, spare parts and accessories (when applicable).

Symbols used according ISO 15223

CE mark with Notified Number Body

Regulation & conformity requirements:

CE mark conforming to Council Directive 93/42/EEC on Medical Devices

CE certificate ( for Class Im with Notified Body number)

Classification:

Class Im – Class I measure (Devices with a measuring function ,MDD 93/42/EEC)

Safety & product Standards:

Must comply with following standards:

IS0 13485: 2003

EN 1060-3:1997+A2:2009 Non-invasive sphygmomanometers - Part 3: Supplementary requirements for electro-mechanical blood pressure measuring systems

EN 1060-4:2004 Non-invasive sphygmomanometers - Part 4: Test procedures to determine the overall system accuracy of automated non-invasive sphygmomanometers

ISO 81060-1:2007 Non-invasive sphygmomanometers - Part 1: Requirements and test methods for non-automated measurement type

ISO 10993-1:2009

Environmental requirements:

To avoid contaminant paint.