

## **Inflation Device**

**Product Name:** Inflation device

**Product Structure:** Inflation Device is composed of Plunger, Cover, Lever Bracket, Thread Block, Button, Barrel, Piston, Seal, Pressure Gauge, Extension Line and Long Rotating Adaptor. The raw materials are PC, Silicon Rubble, ABS, Nylon and Steel.

**Product Type:** AI25

**Product Purpose:** The Inflation Device is designed to inflate and deflate PTCA balloon or other intervention accessories , also monitor the pressure during PTCA operation

### **Instruction for Use:**

- 1) To make the device ready, turn the device with pressure gauge facing down and aspirate contrast solution or other fluid up to 20 ml by left(right) hand holding the barrel and right(left) hand pressing the button.
- 2) Pressing the button against upside to remove the air in the device, release the button after expelling to lock the position
- 3) Use the long rotating connector to connect with balloon, and make sure the needle on the resting position (0 ATM). Rotate the handle clockwise to increase pressure to the balloon until achieving desired pressure.

**Caution:** I: The needle of pressure gauge coming down after inflating indicates the leakage of the system

II: During the process of inflation, no display for the needle of pressure gauge, stop to use it immediately and take place of new one.

- 4) In order to deflate the balloon, hold the barrel by left (right) hand and press the button by right (left) hand to create the negative pressure and lock the plunger in the negative pressure position after release.

**Caution:** To protect the rack of plunger, the pressure should be reduce to less than 25 ATM

before pulling back the handle immediately by rotating the handle anticlockwise.

**Precaution:**

- 1) Before use, inspect the device and the package in case of damage during shipping and ensure the needle of pressure gauge are resting within the ‘‘0’’ pressure otherwise please don’t use it.
- 2) The device is only for single use, do not reuse, reprocess or re-sterilize.
- 3) Don’t use it beyond of expiry day.
- 4) Do not change the product structure during using procedure.

**Storage:**

The Device should be kept in the environment with shade, dryness and cleanness, prevent from sun and rain.

**Symbol and illumination:**

Single Use;

**STERILE EO**: Sterilized by EO



Caution consult the instructions for use

**Validity:** Three years

**Manufacture:**

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