

# DTS-3000

PNEUMATIC TOURNIQUET SYSTEM



# DTS-3000 smart pneumatic tourniquet system

DTS-3000 is as graceful as the side shape of a swan.

It provides suitable functions for a operating room under optimized conditions are:

- Swift inflation up to 800 mmHg,
- 7" TFT LCD touch key screen,
- Recording,
- Safety alarm programs,
- Precious LOP setting
- Battery mode during 6~8 operation hours.
- Automatic cuff change

## Product views



## DTS-3000 swan

DTS-3000 is designed from the shape of a swan, so it has been named DTS-3000 swan and provides stable operation, easy setup, and effective alarm system for safe surgery in an operation room.

- 2 channels (4 Ports for 2 double cuffs or single cuffs)
- Easy settings by Touch Key operation
- Graphic LCD screen : Easy checking and cleaning
- Operation recording (Date, Time, Pressure)
- LOP sensor application for automatic optimum
- Self test of pressure and system check
- Self air pressure sensor calibration
- Safety alarm system (cuff, pressure, battery, time)
- Built-in battery (Max life time: 12 ~72 hours)
- Max pressure: 800mmHg
- Voltage: Free voltage (AC 100 - 240V~ 50/60Hz)
- Power consumption: 50W
- Time range: 5~180 Min.
- Compressor weight: 3kg
- Compressor dimension  
: 170(W) X 210(D) X 260 (H)mm
- \* LOP sensor : Limb Occlusion Pressure



## When Alarm sound generates

**At the end time**, alarm sound generates to ask to stop the surgical operation by pressing “DEFLATE” touch key or by pressing “TIME” touch key to increase operation time. Even though turning off the alarm sound by alarm button, it generate by 30seconds continually until “DEFLATE” or “TIME” button is set.

**Leakage error** is indicated on the screen and the alarm sound generates, the error can be solved by changing cuff after pressing the alarm button.

**No cuff error** is indicated on the screen and the alarm sound generates, the error can be solved by connecting a hose or a cuff.

## How to use LOP sensor

For the suitable LOP sensor use, please set the LOP sensor to the thumb of arm to be operated or the toe to be operated. The machine checks the limb occlusion pressure for 15seconds and set automatically the optimized pressure by adding safety default pressure 75mmHg.

## Recording function

It records the time, pressure and error used during operation with real time clock.

## DTS-3000 pneumatic tourniquet system



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