



The **Zimmer A.T.S. 3000** is a pneumatic tourniquet that is electric. The ATS 3000 system has a dual-port and dual-cuff that is connected to a microprocessor. The Zimmer Tourniquet features Limb Occlusion Pressure, where the machine can calculate the amount of pressure that is needed to help reduce the blood flow. The tourniquet uses ambient air instead of nitrogen tanks. The Zimmer A.T.S. 3000 comes with a four-hour battery backup and a carrying handle, making it easy to transport and not lose pressure while in transit.

Features

- Innovative Limb Occlusion Pressure (LOP) feature.
- Uses ambient air.
- Uses electronic and microprocessor regulated pressure.
- Self-Check Calibration automatically checks the accuracy of the machine calibration each time the unit is powered on.
- Cuff Alert alerts user of cuff status when attempt is made to set the machine to stand-by.
- Cuff Lockout feature prompts the user to confirm the deflation command during bilateral or IVRA procedure in order to reduce complications due to sudden cuff deflation of the second cuff.



Specifications

Dimensions

Height: 13" (33.02 cm)
Width: 9.5" (24.1 cm)
Depth: 10.4" (26.4 cm) (Including clamp and ports)
Weight: 16.3 lbs (7.4 kg)

Power

Mains Line Voltage Range: 100–240V ~ (AC), 50/60 Hz. Auto switching
Line Current: 670 mA RMS @ 120V ~ (AC)
Input Power: 53 Watts typical
Battery Type: Rechargeable, 12 VDC sealed lead acid, 4.0 amp hours
Battery Discharge Time: Unit will operate on battery power for 240 minutes minimum with a fully charged battery.
Battery Recharge Time: 24 hours. Unit should be plugged in 24 hours before initial use.
Power Cord: Type SJT, AWG 16, 14 ft. (4.27 m)
Power Plug: Hospital grade, 3 prong straight blade, 15 amp
Line Protection: 2 time delayed 1.0 amp 250 volt fuses

Pressure

Cuff Pressure Range: 50–475 mmHg, 1 mmHg increments
Pressure Accuracy: ± 3 mmHg (50–475 mmHg)
Pressure Regulation: ± 4 mmHg of set point (10 second average under non-transient conditions without external leaks)
Maximum Pressure: 475 mmHg cuffs

Timer

Time Alarm Set Range: 5–240 minutes; 1 minute increments
Timer Accuracy: 0.25% of elapsed time

Internal Diagnostics

Program, memory, watchdog timer, transducer calibration, improper valve actuation.

