



3915 152ND ST NE | MARYSVILLE, WA 98271 | 1.800.827.3747

Product Overview

Indicated to temporarily occlude blood flow in a patient's extremities during surgical procedures on those extremities.

Tourniquets have been found useful in producing a bloodless operating field in surgical procedures involving the extremities.



ZIMMER A.T.S. 1500 TOURNIQUET SYSTEM

Specifications:

Line Voltage Range:.....105-130 VAC, 50/60 Hz

Line Current:.....485 mA RMS Max., 300 mA RMS nominal

Input Power:.....58 W max, 36 W nominal

Battery Type:.....Rechargeable, sealed lead acid, 12 VDC, 2.3 AH

Battery Discharge Time:.....Unit will operate on battery power for 15 minutes
(minimum with fully charged battery)

Battery Recharge Time:.....24 hours maximum

Power Cord Type:.....SJT, AWG 18, 13 ft. 2 in (4.01m)
Power Plug Hospital grade, 3 prong straight blade, 15A



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Specifications (continued):

Line Protection:.....0.5A, 250V, 5 x 20 mm SLO-BLO fuse

Cuff Pressure Range:..... 50-475 mmHg

Pressure Accuracy:..... ± 5 mmHg (50-475 mmHg)

Pressure Regulation:..... ± 6 mm of set point
(10-second average under not transient conditions without external leaks)

Maximum Pressure:.....475 mmHg (nominal operation), 600 mmHg (internally limited)

Time Alarm Set Ranges:.....0-240 minutes; 1-minute increments

Timer Accuracy:.....0.25% ± 1 second

Internal Diagnostics Program, memory, watchdog timer, transducer calibration, improper valve actuation

Size Height:.....16.13 in (41 cm). Width: 8.75 in (22.3 cm)

Depth:.....7.1 in (17.9 cm) (including 2 in clamp) Weight: 19.8 lbs (9 kg)

Controls: On/standby switch, pressure touch-switches, time touch-switches, cuff touch-switches, alarm silence switches.

Displays Pressure and Time Alarms:

Condition Visual Indication Audible Tone

Over Pressure Pressure display and cuff LED flashes 996 Hz

Under Pressure Pressure display and cuff LED flashes 996 Hz

Sustained Leak Pressure display and cuff LED flashes 996 Hz

Exceeded Set Time Time displayflashes 488 Hz

Battery Voltage Low Message on time display 244 Hz (modulated)

Hardware Failure Failure message appear on time and pressure displays 996 Hz

Cuff Not Deflated Failure message appears on time and pressure displays 966 Hz