



AUTOMATIC TOURNIQUET IT-500



- State-of-the-art, stable automatic electronic tourniquet system
- Portable, light weight, compact, desktop with tilting stand
- Microprocessor controlled latest digital technology
- Fast cuff inflation and slow deflation with solenoid control
- Leak proof, secure quick coupling with positive locking connectors
- 3 different sizes of high quality cuffs as standard and other sizes available on request (imported)

Features :

- Operates on built-in air pump for safe and leak free inflation and does not require compressed air or gas
- Simultaneous and continuous display of set and actual tourniquet time and pressure
- Online status of the output indication: off, inflate or deflate
- Bright, easy to read characters with back-lit LCD display
- Works on mains ac power as well as internal battery (8 hours)
- Normally closed solenoid prevents deflation of cuff during system and power failure
- Count down timer with alarm
- Audio-visual alarms to detect high leak and disconnection, pressure deviations and low battery
- Last used setting of tourniquet pressure and time, restored on power on
- Automatic self-test on power on



Technical Specifications :

- **Cuff pressure** : 50 - 500 mm Hg, adjustable in 5 mm Hg steps
- **Pressure regulation** : automatic within -1 to +10 mm Hg of selected pressure
- **Alarm time** : 0-250 minutes, adjustable in 1 minute steps
- **Inflation / deflation time** : 20 seconds for a typical 75 cm thigh cuff
- **Battery operating time** : 8 hours
- **Battery charging time** : 2.5 hours
- **Cuff size** : 3 different sizes
- **Dimensions** : 200 mm width x 175 mm depth X 70 mm height

Warranty : One year on instrument



ISO 13485:2008 WHO GMP



Manufactured by:

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