

Attachments



SINGLE CUFF SPECIFICATIONS

Fabric single cuffs with silicon bladder having length of bladder equivalent to complete cuff length, washable at 60°C All Cuffs supplied with Quick Male Coupling (LT 10030003) to fit our IT 2001.

- Tourniquet Single Cuff* for Child 5 x 30 (W x L) LT 10020001
- Tourniquet Single Cuff* for Standard Arm 7 x 35 (W x L) LT 10020002
- Tourniquet Single Cuff* for Standard Leg 10 x 61 (W x L) LT 10020003
- Tourniquet Single Cuff* for Long Arm 7 x 46 (W x L) LT 10020004
- Tourniquet Single Cuff* for Long Leg 10 x 76 (W x L) LT 10020005



DOUBLE CUFF SPECIFICATIONS

Fabric Double Cuffs with silicon bladder having length of bladder equivalent to complete cuff length, washable at 60°C All Cuffs supplied with Quick Male Coupling (LT 10030003) to fit our IT 2003

- Tourniquet Double Cuff* for Child 8 x 30 (W x L) LD 10020011
- Tourniquet Double Cuff* for Standard Arm 12 x 35 (W x L) LD 10020012
- Tourniquet Double Cuff* for Standard Leg 18 x 61 (W x L) LD 10020013
- Tourniquet Double Cuff* for Long Arm 12 x 46 (W x L) LD 10020014
- Tourniquet Double Cuff* for Long Leg 18 x 76 (W x L) LD 10020015

MDE

MEDICAL DEVELOPMENT & ENGINEERING

34, Electronic Sadan 1, MIDC, Bhosari, Pune 411 026
 Tel : +91-20-27121512, 30720117 Fax. : +91-20-27121512
 Email : mdeindia@gmail.com Website : www.mdeindia.net



MDE

MEDICAL DEVELOPMENT & ENGINEERING

INTELLIGENT® TOURNIQUETS





INTELLIGENT® TOURNIQUET 2001

Single Cuff operating room electronic tourniquets
Smart, flexible and easy to operate Electronic Tourniquet Systems, suitable for any mode of tourniquet application required in the operating room. Include an independent, reliable control and pressure source, suitable for any tourniquet cuff inflation, total operation control, time recording and sophisticated alarms for additional safety.

TECHNICAL SPECIFICATIONS

Control	Micro computerised cuff pressure Control
Inflation Air Source	Internal air Compressor
Cuff Pressure	Adjustable 100 to 450 mmHg.
Preset Resolution	10 mmHg.
Accuracy	Max. + 5%
Display	- 3 digit-Pre-selected pressure. - 3 digit-Clock- Elapsed time - Large Alphanumeric LCD Display
Clock Elapsed time	- 0.00 - 3.00 hours.
Counter	- Reset at deflate mode.
Alarms	1. Cuff pressure is out of range for more than 30 sec. after initial start. 2. Cuff pressure is out of range for more than 11 sec. during operation. 3. After elapsed time of 30 min. & every 30 min. thereafter. 4. In Deflate mode-cuff pressure does not show 20 mm Hg or less after 15 sec. 5. 3 beeps - 9min. prior to set time & at set time 6. General control system failure.
Power Consumption	140W, 230VAC
Weight	5.5 kg.
Dimensions	290 (w) x 110 (h) x 260 (d) mm

Note : Specifications are subject to change without notice

SPECIAL FEATURES AND BENEFITS

- Electrically powered
- Immediate access to any required cuff pressure
- Sophisticated alarms
- Integrated time recording and display
- Online Operation Guidelines
- User friendly panel access
- Computerised control
- No need for external air supply
- Pressure memory is saved during power failure

ORDERING INFORMATION

➤ Intelligent Tourniquet 2001	LT 10010000
➤ Accessories	
➤ Transparent tubing	LT 10030001
➤ Quick Coupling Female	LT 10030002
➤ Quick Coupling Male	LT 10030003
➤ Mobile stand & Basket available on request	LT 10030004



INTELLIGENT® TOURNIQUET 2003

Double Cuff operating room electronic tourniquets

Smart, flexible and easy to operate electronic tourniquet system, suitable for any mode of tourniquet application including I. V. Regional Anesthesia / Bier's Block. Unit includes an independent, reliable control and pressure source, suitable for any tourniquet cuff inflation, total operation control time, recording and sophisticated alarms for additional safety.

TECHNICAL SPECIFICATIONS

Control	Micro computerized cuff pressure Control
Inflation Air Source	Internal air Compressor
Cuff Pressure	Adjustable 100 to 450 mmHg.
Preset Resolution	10 mmHg.
Accuracy	Max. + 5%
Displays	- 3 digit-Pre-selected pressure. - 3 digit-Clock- Elapsed time - Green led for Inflate & Red led for Deflate
Push Button Functions	Preset pressure for each separately, Inflate/Deflate-cuffs 1 & 2, Deflate - cuff 1 & 2
Clock Elapsed Time	- 0.00 - 3.00 hours.
Counter	- Reset at deflate mode.
Alarms	Pressure Sensor Setting : 1. Cuff pressure is out of range > than 30 sec. after initial start. 2. Cuff pressure is out of range > than 11 sec. during operation. 3. After elapsed time of 30 min. & every 30 min. thereafter. 4. 3 beeps - 9 min. prior to set time. 5. Deflate mode Cuff pressure is higher than 20mm Hg 15 sec. after deflate mode is activated.
Power Consumption	200 W
Voltage Source	230 VAC , 50 Hz
Weight	7.5 kg.
Dimensions	290 (w) x 110 (h) x 260 (d) mm

Note : Specifications are subject to change without notice.

SPECIAL FEATURES AND BENEFITS

- Electrically powered
- Immediate access to any required cuff pressure
- Sophisticated alarms
- Integrated time recording and display
- User friendly panel access
- Computerised control
- No need for external air supply
- Pressure memory is saved during power failure

ORDERING INFORMATION

➤ Intelligent Tourniquet 2003	LD 10010000
➤ Accessories	
➤ Transparent tubing	LT 10030001
➤ Quick Coupling Female	LT 10030002
➤ Quick Coupling Male	LT 10030003
➤ Mobile stand & Basket available on request	LT 10030004