

Genius Tourniquet Uniport



Genius* Tourniquet Uniport is a portable and handy tourniquet system designed for quick, reliable operation in critical situations. Its lightweight build and large, easy-to-read screen make it convenient for use in both clinical and field environments.

- Self calibration at start-ups per NABL
- Fast inflation and slow, step-wise deflation for safety
- Self adjust pressure during any limb movement
- High quality, Leak free coupling
- Instant alerts for patient safety
- Accurate pressure settings

**** Pitkar Tourniquets are designed to retain pressure even during power failure**

S H PITKAR
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ISO 13485 and Indian FDA approved company
USFDA & CDSCO Registered

Tourniquet Specifications

Number of ports	:	Single Port
Number of potential cuffs	:	Single Cuffs in 7 different sizes
Control type	:	Micro Computer based pressure control
Battery Type and Life	:	Lithium Ion, 6 hours with real time battery indicator. Battery charged in less than 30mins
User Interface and Display	:	Touch Screen with 4.3" Colour TFT Display
Minimum/ maximum Pressure	:	50/600 mm Hg
Pressure Accuracy	:	+/- 3 mm Hg over 50/600 mm Hg
Cuff test	:	Tourniquet can check if the cuffs are in functional condition
Calibration	:	Self check calibration with on spot calibration capability
Alarms	:	Audio Visual
Pressure resolution	:	+/- 5 mm Hg
Time Settings Range	:	0-240 mins
Air Source	:	Ambient air through internal Air Compressor
Cuff Lockout Safety Feature	:	Yes
Self-Check Calibration	:	Yes
Positive Locking Connectors	:	Yes
Advanced Leak Detection System	:	Yes
Internal Pump for fast Inflation	:	Yes
Alarm Details	:	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 14 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. 10 min prior to set time & at set time 6. General control system failure
Alert	:	Alerts user of the cuff status when attempt is made to deflate the machine
Power failure	:	Maintain set pressure in case of power failure
Power Source	:	90-240 V AC, 50 Hz
Weight	:	2 Kg
Dimensions	:	228.6(W) x 138 (D) x 218 (H) in mm.
Handle	:	Carrying ergonomic handle for easy movement
Product and Quality Certificate	:	USFDA Registered

Cuffs & Specifications

- ➔ Fabric cuffs with silicon bladder
- ➔ Washable at 60-degree celsius
- ➔ All cuffs supplied with Quick Male Coupling
- ➔ Autoclavable cuffs, conical cuffs, special-sized cuffs and disposable cuffs available on request



Single Cuffs



Dual Cuffs

Single Cuffs

Pediatric	Standard Arm	Standard Leg	Long Arm	Long Leg	Extra Long Arm	Extra Long Leg
5 X 30 (W X L)	7 X 35 (W X L)	10 X 61 (W X L)	7 X 46 (W X L)	10 X 76 (W X L)	7 X 86 (W X L)	10 X 107 (W X L)

Dual Cuffs

Pediatric	Standard Arm	Standard Leg	Long Arm	Long Leg
5 X 30 (W X L)	7 X 35 (W X L)	10 X 61 (W X L)	7 X 46 (W X L)	10 X 107 (W X L)