

Titan 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 30 mins
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
Positive Locking Connectors:	Yes
Advanced Leak Detection System:	Yes
Internal Pump for fast Inflation:	Yes
Alarm Details:	<ol style="list-style-type: none"> 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:	2.2 Kg
Dimensions:	100(W) x 220 (D) x 200 (H) in mm.
Unit Integration:	Facility to sense same make of additional single port unit to integrate into dual port unit.
Dynamic Display Screen:	Dynamic Display to comply to single or dual port colour coding.
Handle:	Carrying ergonomic handle for easy movement.
Product and Quality Certificate:	USFDA/ CE and ISO 13485

Cuff 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

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)
IMST-10020001	IMST-10020002	IMST-10020003	IMST-10020004	IMST-10020005	IMST 10020006	IMST 10020007

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)
IMSD-10020011	IMSD-10020012	IMSD-10020013	IMSD-10020014	IMSD-10020015



Dual Cuffs

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INDIA'S LEADER IN ELECTRO-MEDICAL DEVICES



- State-of-the-art tourniquet
- Advanced sensor for automatic conversion from single port to dual port tourniquet
- Patent Pending

REVOLUTIONARY DUAL PORT FACILITY

IMS Titan has an advanced proximity sensor that converts single port tourniquet into a dual port tourniquet when two units are placed next to each other automatically.

In the single port mode

Two units (in single port mode) can be used for bilateral surgery or individually at two different locations with the help of a single cuff.

In the dual port mode:

The set up can be used to perform intravenous regional anaesthesia(IVRA) - Bier's Block with the help of dual cuffs.



USFDA Registered

CDSO registration in progress



IMST-10010000

Advanced Features

- User-friendly wide touch screen
- Compact design
- Dual power modes: Electricity & Battery
- Computerised controls
- No external air supply required
- Pressure Memory saved during power failure
- Sophisticated audio-visual alarms
- Integrated cuff test