



# ADVANCE MEDICAL TECHNOLOGIES



## AMT 500 Touch

Single Port Automatic Tourniquet System  
A Revolutionary Touch Screen Technology.



A Premium Quality Product Made in India



## Technical Specification

Model No ..... AMT 500 Touch

Touch Screen .....5" (800 x 480)

Cuff Pressure.....0-500mmhg

Accurcy..... ± 2mmhg

Audio Alarm Timer..... 0-240 minutes

Inflation..... <10 Seconds

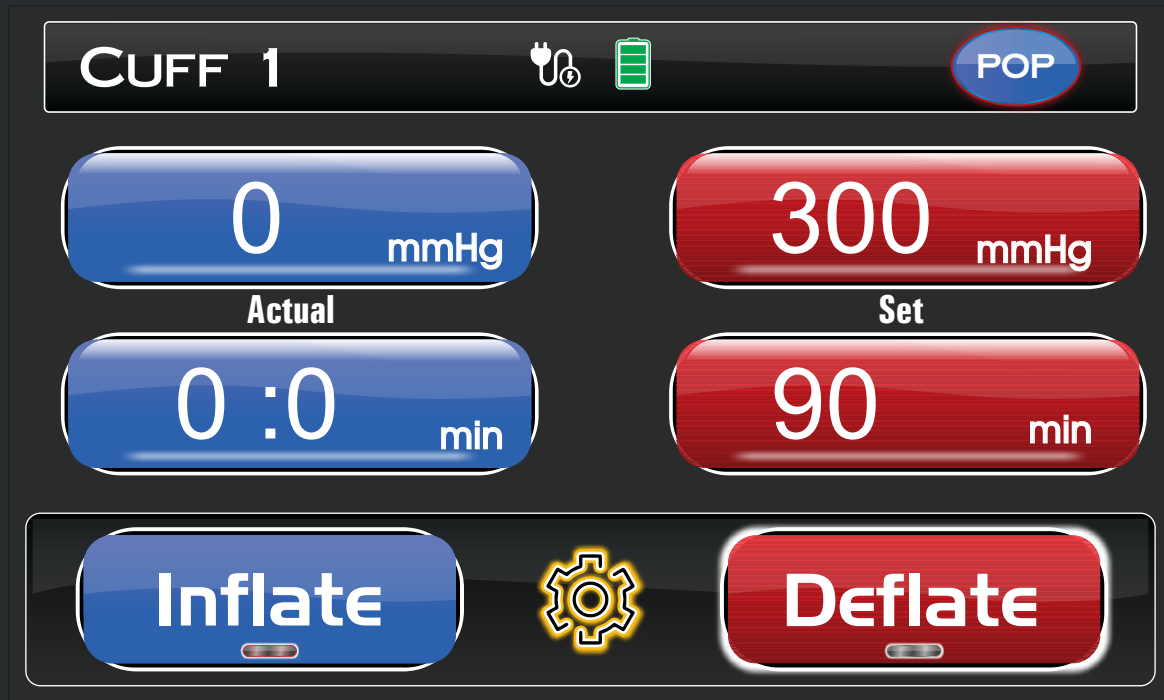
Battery Operation..... 8 Hours Approximate

Dimension.....27x23x12 cm

Weight..... Less Then 2.5kg

Supply Valteg..... 240 V AC

# Innovative Excellence & Intelligent Features



To be used with :-

— Single Port Cuffs

— POP (patient Optimized Pressure) Technology —

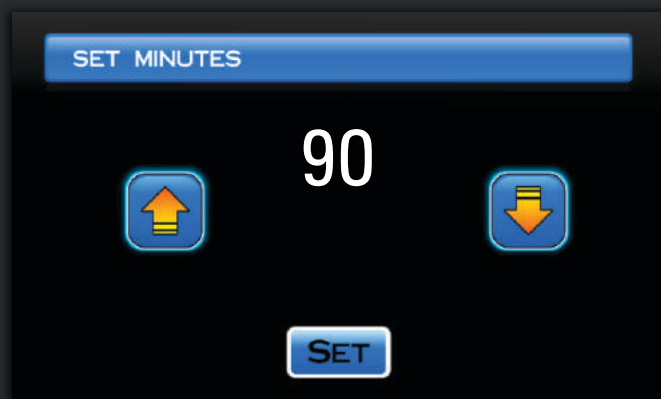
— POP (Patient Optimized Pressure) Technology Which Is A Path Breaking Technology Which Determines The Patient Specific Minimum Pressure Required To Occlude The Blood Vessel.

— This Technology Minimizes The Risk of Tourniquet Related Injuries To The Patient.



## — Pressure —

- Preset 300mmhg Pressure for Surgery
- Pressure Selection Window for the Selection of Pressure Required in the surgeries
- Pre set Quick Selection keys to select Pressure for upper limb & lower limb surgeries
- Pressure can be varied through UP & Down key at Any Point of time During the Surgeries
- Pressure Ranges from 0-500 mmhg



## — Time —

- Preset 90 Minutes time for alarm
- Time can be varied through UP & Down Key which will automatically adopt even during the surgery
- Alarm Time ranging from 0-240 minutes
- Time can be increased or decreased on the interval of 5 points



## Safety Features

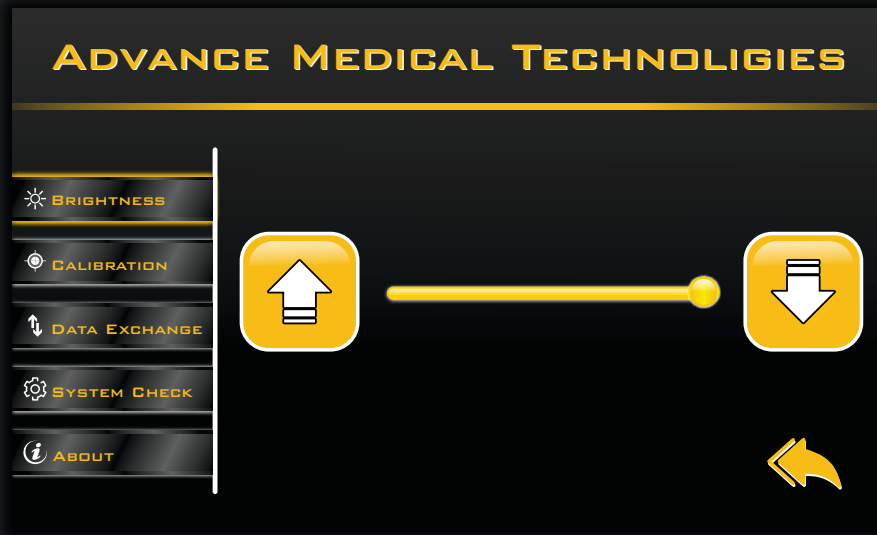
- Cuff Lockout Feature for patient safety during power failure or battery failure
- Time based Alarm, which can be muted at any point of time
- Battery low indication - visual & Audible
- Excellent self testing feature to check any error in the system Hardware or Software
- Tube kinking alarm to reduce the risk of over pressure in to the patient cuff
- Cuff leakage detection



## — Connection —

- A Safety Interlocking Connector System With Zero Leakage
- Imported Best In Class Interlocking Connectors

## — Settings —



Quick Access to the Display Features of the AMT 500 Touch  
Easy Maintenance for biomedical engineer ( calibration. self test, leak test)

## — Accessories —




### Cuff:-

Imported Cuffs Compatible with multinational Standards  
Manufactured without the use of natural rubber latex & PVC free  
low profile design  
heavy duty TPU Bladder  
colour coded for optimal cuff selection  
straight shape & contour shape cuffs of different sizes available



### Tubing :-

Smooth surfaced connecting tubing  
autoclavable silicon material with positive locking connectors

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