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Medical Technology  
Training Services

A Social Enterprise



# MTTS CPAP V3

Consumable Supplies



Property of MTTs Enterprises

## SPECIFICATION:



Electromagnetic linear diaphragm technology  
Low noise. Decibel levels measured in a quiet room using *A-frequency weighting* with medium back pressure loading on the pump:  
41dB(A)+/- at 3m from air pump, 50dB(A)+/- at 500mm from air pump. A quiet room ambient noise level is 30dB(A)+/-  
Plastic body  
Voltage/Wattage: 240V / 35W, Frequency 50 to 60 Hz  
Automatic thermal cut-out overload protection  
Cable length: customized  
Max pressure: 0.03MPa  
Max air output: 3000L/hrs. (50 Liters/minute)  
Air pump outlet diameter: 18mm  
Must be set-up above the water level  
Important: Rated IPX<sub>4</sub> (meaning – Should be placed in a low dust environment but will tolerate rain and light sprinkling)  
Maximum water depth for placed air stones or air diffuser: 2.8m  
Supplied with a plastic 12 outlet manifold to suit 4mm silicon air line  
Air Pump dimensions: 245mm(L) x 175mm(W) x 185mm(H)  
Weight: Air Pump: 4.25kg. Cartoned pump: 4.85kg

## SPECIFICATION:

Manufactured from DURAN borosilicate 3.3 glass, renowned for its excellent thermal performance and high resistance to chemical attack.

Vacuum resistance guaranteed to 1 bar vacuum.

Pressure resistance guaranteed to +1.5 bar gauge.

DURAN laboratory bottle pressure plus+ features the industry standard GL 45 DIN thread.

Bottles are fully autoclavable and sterilizable.

The amber glass meets UV light protection limits as specified in the current revisions of the USP <660> and EP 3.2.1.

Protect coated version offers protection for the user and contents in the event of breakage due to impact.

The special geometry still conforms to ISO 4796-1:2016 to maintain instrument compatibility





Silicon Breathing Circuit

## SPECIFICATIONS

Constant material properties within a wide temperature range from  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ) to  $250^{\circ}\text{C}$  ( $482^{\circ}\text{F}$ )

Excellent pump performance

High degree of biocompatibility

Particularly low extractable profile

All common sterilization methods are possible

## SPECIFICATIONS

Hose Length: 78 in

Hose Weight: 5.3 oz

Temperature Range:  $16^{\circ}$  -  $30^{\circ}\text{C}$

Maximum Recommended Pressure: 25 cm H<sub>2</sub>O

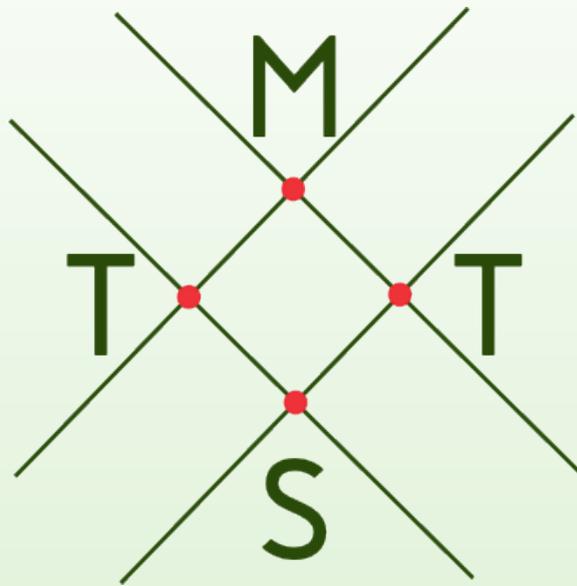
Material Components: Flexible Plastic and Electrical Components

Operating Temperature:  $5^{\circ}\text{C}$  -  $35^{\circ}\text{C}$

Operating Humidity: 10 - 95% Relative Humidity, Non-Condensing



HeS – Heating element with Sensor



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MTTS Enterprises Cityland 10, Tower 1, H. V. Dela Costa Street,  
Salcedo Village, Makati City, Philippines

Mobile : +63 961 3570138 (Smart)  
+63 905 2854039 (Globe)

Email : [sales@themtts.com](mailto:sales@themtts.com)  
Web : [www.themtts.com](http://www.themtts.com)



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