



To,  
CodenCode Software Solution  
Karachi

Date  
18-sep-2018

Product Code : AEX-001

Product Name : MEHRAN

## Quotation



### **ANESTHESIA MACHINE WITH BUILT IN VENTILATOR AND MECHANICAL 03 FLOWMETER WITH 02 VAPORIZERS (ISOFLURANE & SEVOFLURANE)**

THE **MORPHEUS M** ISA WORKSTATION FOR GASEOUS ANESTHESIA AND IT CAN BE USED ON ADULT, CHILDREN AND NEWBORN PATIENTS. THE MORPHEUS M IS SUITABLE FOR ADMINISTRATION OF OXYGEN – AIR – NITROUS OXIDE – HALOTHANE – ENFLURANE – ISOFLURANE – SEVOFLURANE – DESFLURANE MIXTURES.

THE UNIT FOR ANESTHESIA MORPHEUS M IS COMPLETED WITH:

&NBSP;ELECTRONIC LUNG VENTILATOR WITH **12" TFT COLOR SCREEN DISPLAY**&NBSP;  
&NBSP;VALVE GROUP: OPEN, SEMI-CLOSED, CLOSED, HEATED, WITH SODA LIME ABSORBER  
&NBSP;SIARETEX RAPID CONNECTION DEVICE, SELECTATEC COMPATIBLE FOR 2 VAPORIZERS  
&NBSP;GAS SUPPLY GROUP  
CYLINDER YOKE

#### **LUNG VENTILATOR:**

THE LUNG VENTILATOR INCORPORATES A **12" TFT HIGH RESOLUTION COLOR DISPLAY SCREEN**&NBSP; WITH &NBSP;SPIROMETRY MEMBRANE KEYBOARD AND ENCODER.

#### **VENTILATION MODALITIES:**

MANUAL, VC-VAC, APCV, SPON, SIMV+PS (VOLUMETRIC), PSV, APNEA, BACK-UP

#### **MEASURED PARAMETERS:**

PAW; PEEP; VTE; EXPMV; RATE; I:E; FIO<sub>2</sub>  
P<sub>MAX</sub>; P<sub>MEAN</sub>; PAUSE; VTI; FLOW<sub>I</sub>; FLOW<sub>E</sub>; T<sub>INSP</sub>; T<sub>ESP</sub>; T<sub>PAUSE</sub>; CS; RI

&NBSP;

&NBSP;

&NBSP;

#### **DISPLAYED VENTILATION CURVES:**

- PAW&NBSP;
- FLOW
- VOLUME&NBSP;
- LOOP (VOLUME/PAW ; VOLUME/FLOW)

READING IS MADE THROUGH AN EXCLUSIVE SIARETÉRILIZABLE FLOW SENSOR OPERATING



BY MAGNETIC INDUCTION AND POSITIONED INSIDE THE EXPIRATORY VALVE OF THE BREATHING SYSTEM. THIS TECHNOLOGICAL DEVELOPMENT ALLOWS ELIMINATING ALL MANAGEMENT COSTS ARISING FROM CONTINUOUS REPLACEMENT OF FLOW SENSORS POSITIONED DIRECTLY ON THE PATIENT'S MOUTH AND MAKES THE DEVICE UNIQUE IN ITS DESIGN.

**ADJUSTABLE PARAMETERS:**

**O<sub>2</sub> BUILT-IN MIXER DEVICE FROM 21% TO 99%**

**I:E ADJUSTABLE RATIO: 1:1 – 1:1.5 – 1:2 – 1:3 – 2:1 – 3:1**

**TIDAL VOLUME : 5-1500 ML**

**INSPIRATION FLOW: FROM 1 TO 80 L/MIN**

**INSPIRATION TIME: 0.2 TO 5 SECONDS**

**PEEP OFF, 3 ÷ 30 CMH<sub>2</sub>O (STEP 1 CMH<sub>2</sub>O)**

**FLOW TRIGGER FROM OFF, 1 TO 15 L/MIN (STEP 1 L/MIN)**

**BREATHING SYSTEM: SYSTEM IS FULLY AUTOCLAVABLE**

**& CO<sub>2</sub> ABSORBER 1 KG**

**CANISTER REPLACEMENT ALSO DURING INTERVENTIONS**

**THE HEATED VALVE GROUP REDUCES CONDENSATION AND HEATS THE FRESH GAS.**

**ALARMS:**

**GAS FAILURE, HIGH & LOW AIRWAY PRESSURE, SATURATION S (FIO<sub>2</sub>), APNOEA, LOW BATTERY**

**BATTERY BACKUP: 120 MINUTES**

**SCAVENGING SYSTEM PASSIVE**

**& ACCESSORIES:**

**STANDARD ACCESSORIES**

**SUPPLIED WITH O<sub>2</sub> VAPORIZER**

**USER'S MANUAL**

**SERVICE MANUAL**

**O<sub>2</sub> SUPPLY HOSE**

**N<sub>2</sub>O SUPPLY HOSE**

**AIR SUPPLY HOSE**

**TOP SPECIAL CO<sub>2</sub> ABSORBER CANISTER OF 1 KG (NO. 01 CANISTER WITH METAL COVER)**

**O<sub>2</sub> CELL**

**MANUAL VENTILATION KIT**

**ELECTRIC POWER SUPPLY CABLE**

**BREATHING BAGS**

**RE-USEABLE SILICON AUTOCLAVE BREATHING CIRCUIT (ADULT, PEDIATRIC/ NEONATE)**

**MOUNT AND Y-PIECE**

**PIN INDEX CYLINDER YOKES FOR OXYGEN & N<sub>2</sub>O (ONE EACH AS BACKUP)**

**PIN INDEX CYLINDER (2X O<sub>2</sub> AND 2 X N<sub>2</sub>O)**

**PRICE: 120,000**



***ELATE C.C (PVT) LTD.***

DEALS IN MEDICAL EQUIPMENTS & SURGICAL DISPOSABLES

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