



# COMPANY PROFILE





# Who we are

Our innovative company established 2013 in Khartoum-Sudan. From start to finish, 3J Medical company provides a diversified range of high quality health care products including those in ICU, NICU, ERs, ORs, Physiotherapy Departments. 3J Medical is a company building a future focused on growth and innovation, quality products and distribution coverage throughout Sudan.



# Our Vision

The purpose of 3J Medical is  
To provide our clients with the most effective medical device possible in a highly efficient time frame and at reasonable cost.  
To contribute to the welfare of the community in which we conduct our business.

# Our Mission

We are an end-user, product focused company. We understand the clinical rationale for a device's requirements and apply this insight to each project.  
Our employees have a high level of commitment and experience and can utilize their expertise in meeting the Mission Statement. We have high accountability and responsibility is given to and expected from each employee and contractor.



# Our values

Ethics

Professionalism

Integrity

Quality of service

innovation and trust are Excellent's core values

These values are implemented in every aspect of the company and combined with our deep understanding of the market.



# Our Partners

## aXcent medical GmbH Who we are

The aXcent medical GmbH was founded in 2018 with the aim to become one of leading suppliers worldwide for Patient Monitoring Systems, Anesthesia Workstations and Intensive Care & Transport Ventilators.

Being a young and ambitious company, but with long-term experiences in the field of medical technology our professional team works with dedication, high commitment and high level of expertise to ensure reaching our goals and to improve the health of the patients.

Established in Koblenz, in the middle between Cologne and Frankfurt, aXcent medical is a part of Germany's most famous medical technology region and has direct access to scientific and medical competence centers.

aXcent medical is focused on the care of patients from emergency to intensive care unit with decades of experience and expertise in marketing of life-sustaining medical technology.

Manufacturing and distribution of specialized medical products for the areas of anesthesia, patient monitoring and ventilation are our competence.





### **Breathing circuit applicable for complete range**

Autoclavable metal and plastic materials. Suitable for adult, pediatric and neonatal patients. Featured with stable pressure tightness. Visual observation of bellows and valves. Breathing system with ascending or descending bellows.

### **Reliable CO2 absorber**

One-hand operation designed CO2 absorber. By-Pass function to ensure smooth operation. Canister detection feature. Autoclavable PPSU material (up to 134 °C)

### **Superior ventilator**

Fresh gas, compliance and leakage compensation. VCV, PCV, PSV, SIMV, PRVC and Manual ventilation modes. Integrated ACGO feature to connect open circuit.

# APUS x1

## Anesthesia Machine



### **Comfortable structure**

Two-sided guide rails for patient monitor, support arm and injection pump. Stainless steel material can withstand any chemical sterilization agent. Equipped with LED light to provide lighting for the large workbench.

# APUS x2

## Anesthesia Machine



### Breathing circuit applicable for complete range

Autoclavable metal and plastic materials. Suitable for adult, pediatric and neonatal patients. Featured with stable pressure tightness. Visual observation of bellows and valves. Breathing system with ascending or descending bellows.

### Superior ventilator

Fresh gas, compliance and leakage compensation. VCV, PCV, PSV, SIMV, PRVC and Manual ventilation modes. Integrated ACGO feature to connect open circuit.

### Features

- 12.1" TFT touch screen
- User friendly interface design
- Tidal volume 5 – 1.500 ml
- Semi-electronic flowmeter
- Circle system consisting of metal materials
- Bypass function for soda lime canister
- All ventilation modes to suit neonatal, pediatric and adult patients.
- Highly integrated breathing circuit with built-in heater
- ACGO function to handle open circuits.

### Reliable CO2 absorber

One-hand operation designed CO2 absorber. By-Pass function to ensure smooth operation. Canister detection feature. Autoclavable PPSU material (up to 134 °C).

### Comfortable structure

Two-sided guide rails for patient monitor, support arm and injection pump. Stainless steel material can withstand any chemical sterilization agent. Equipped with LED light to provide lighting for the large workbench.





## Features

- 15.6" TFT touch screen display, integrated patient monitor as option.
- User friendly interface design and easy to operate.
- Rotatable and adjustable supporting arm.
- Full-electronic flowmeter with precise control and accurate data monitoring.
- All ventilation modes to suit neonatal, pediatric and adult patients.
- Highly integrated breathing circuit with built-in heater.

## Breathing circuit applicable for complete range

Autoclavable metal and plastic materials. Suitable for adult, pediatric and neonatal patients. Featured with stable pressure tightness. Visual observation of bellows and valves. Breathing system with ascending or descending bellows.

## Reliable CO2 absorber

One-hand operation designed CO2 absorber. By-Pass function to ensure smooth operation. Canister detection feature. Autoclavable PPSU material (up



# APUS x3

## Anesthesia Machine



## Superior ventilator

Fresh gas, compliance and leakage compensation. VCV, PCV, PSV, SIMV, PRVC and Manual ventilation modes. Integrated ACGO feature to connect open circuit.

## Comfortable structure

Two-sided guide rails for patient monitor, support arm and injection pump. Stainless steel material can withstand any chemical sterilization agent. Equipped with LED light to provide lighting for the large workbench.





## Features

- 8" color TFT LCD Screen (touch screen optional)
- Portable, lightweight and sturdy design
- Flexible parameters configuration for different clinical environments
- Rechargeable Li-ion Battery (up to 12 hours uninterrupted work)
- Big font and font color display setting
- Spot-check and continuous monitoring mode
- Selectable for Adult, Pediatric and Neonatal patients
- Wired/Wireless CMS, support HL7 protocol to HIS
- Barcode scanner support
- Thermal recorder support
- Graphical & tabular trend review
- 48 hours holographic wave review for each patient (stored in SD card)

# PAVO

Vital Sign Monitor





## Features

- 12.1" color TFT LCD screen
- 8 waveform display, up to 12-lead ECG analysis
- Powerful calculation (Hemodynamic, Drug Dose, Oxygenation, Ventilation)
- Pacemaker detection
- ST & arrhythmia analysis
- OxyCRGs screen
- Wired/Wireless CMS, support HL7 protocol to HIS
- SpO2 pulse-tone modulation (Pitch Tone)
- MEWS (Modified Early Warning Score)
- Graphical & tabular trend review (120 hours)
- Rechargeable Lithium-Ion Battery (2600 mAh)



# CETUS x12

Patient Monitor



## Features

- 15.6" High resolution TFT LCD Touch screen
- 10 waveform display, up to 12-lead ECG analysis
- Powerful calculation (Hemodynamic, Drug Dose, Oxygenation, Ventilation)
- Pacemaker detection
- ST & arrhythmia analysis
- SpO2 support PVI and PI, low perfusion 0.2% • Aspect BISx module, NMT (Organon TOF-Watch®) module optional
- Wired/Wireless CMS, support HL7 protocol to HIS
- SpO2 pulse-tone modulation (Pitch Tone)
- VGA support external display
- Graphical & tabular trend review (120 hours)
- 48 hours full disclosure wave review for each patient (stored in SD card)

# CETUS x15

Critical Care Patient Monitor





## Features

- 15.6"/17"/19" switchable Non fade TFT LCD Touch Screen
- Aluminium material shell
- Fanless design suitable for quiet care environment
- 10 waveform display, up to 12-lead ECG analysis
- Powerful calculation (Hemodynamic, Drug Dose, Oxygenation, Ventilation)
- SpO2 support PVI and PI, low perfusion 0.2% • Aspect module, NMT (Organon TOF-Watch®) module optional
- Wired/Wireless CMS, support HL7 protocol to HIS
- SpO2 pulse-tone modulation (Pitch Tone)
- VGA support external display + visual and audio alarms
- Graphical & tabular trend review (120 hours)
- 48 h full disclosure wave review for each patient (stored in SD card)
- ST & arrhythmia analysis



**CETUS xl**  
Advanced Patient Monitor

# Our Portfolio

Haja Sayyidah Sennar Hospital

Best Care Hospital

East Nile Hospital

Promise Clinic

Land port Clinic

Peace Hospital for cardiac surgery

Tabarak Hospital

Alooda complex

Libya Hospital

Ibn Sina Al-Qadarif Polyclinic

Dr. Mutasim Center

Atbara Trainring Hospital

Mohamed Abdel Wahab Clinic / New Halfa

Fadil clinic / El Fasher

Zalingei health insurance

Rama Kassala Hospital





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