

CODE NO:

DEVICE NAME: Point -Of-Care Analyzer,
Blood Gas/PH

DATE:2023

Application	Analyzers used to measure blood gas, pH, electrolytes, and some metabolites in whole blood specimens. The turnaround time (TAT) for tests will be performed on POC analyzers should be short in areas where immediate test results are necessary such as ICU, PICU, ED and OR.
FDA clearance or CE mark	Yes ,FDA (preferred)
Configuration	Bench top or portable (with cart or carrying case according to manufacturer)
TEST MENU	
<ul style="list-style-type: none"> Blood gases/electrolytes Chemistries Co-oximetry 	pH, pCO ₂ , pO ₂ , Na ⁺ , K ⁺ , Cl ⁻ , Ca ⁺⁺ and other glucose ,lactate and others ctHb , sO ₂ , FO ₂ Hb , FCOHb , FMethHb , FHHb , FHbF , ctBil
Sample types	Whole blood or others
Sample size, µL	≤ 200 (specific short probe position for low volume sample)
Analysis Time, Min	≤ 3
Reagents type	Cassette or Cartridge or Liquid or other type
Reagent preparation	No
Calibration	Automatic preferred
QC materials	According to manufacturer
Alert indicators	Yes
Display, type	Color LCD or other
Data displayed	Test results & patient ID or other
Data management	
Programmable	Preferred
Data stored	Patient and QC data(preferred) , ≥ 250 test
Printer	Yes
Bar-code reader	
Reagent	Yes
Sample	Yes

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مصادقة اللجنة الاستشارية		
توقيع الدكتور/	توقيع الدكتور/	توقيع الدكتور/

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Computer interface • HIS • LIS	Yes Yes
Power Requirements Line power, VAC Backup	220-240, 50/60 HZ Preferred (Battery or UPS)
Environmental conditions	The equipment suitable for working in the climate conditions of Iraq in terms of temperature & humidity

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