



Xenon light source



Microfluidic Reagent Rotor



Serve on the Space station
since April 2021

MNCHIP - Clinical Chemistry⁺ - Pointcare[®] cM4 On-site Blood Chemistry Analyzer

Smallest ever(2.2kg) yet powerful enough, the Pointcare cM4 delivers reliable diagnostic information, the intelligent innovation refining an efficient and accurate medical experience to healthcare professionals.

EASY TO USE

Fully automated system - no special operating skills required

- 4.3 inch capacitive touch screen
- 0.1cc whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- LIS compatible, no need to manually enter patient information.
- Results could be printed through a thermal printer (optional) , an office printer or through data management platform (MMDMP).
- Ability to print reports with your practice logo by installing the MNCHIP medical data management platform.

QUICK RESULTS

From sample to complete results in 3 simple steps in approximately 7 minutes



1. Add sample



2. Insert disc



3. Read results

PRECISE MEASUREMENTS

Advanced technology ensures precise results

- Microfluidic discs with pre-installed reagent beads ensure accurate analysis of blood samples and reagents.
- Stable measurement optics include a troboscopic xenon lamp, a wavelength selection system, and a multiple-wavelength detector.
- Integrated quality control software monitors the entire process in real time (ensuring consistent analysis of blood samples, reagents, microfluidic discs and chemistry analyzer).

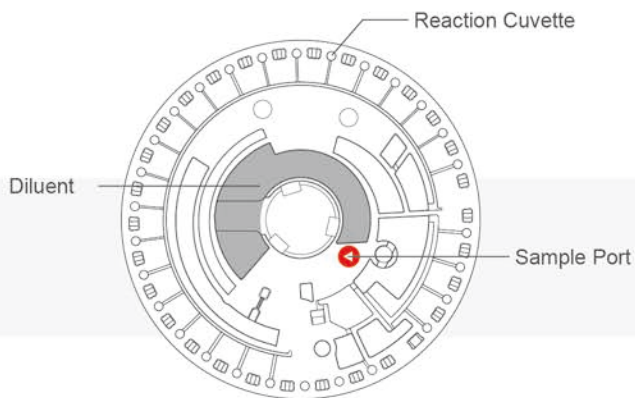
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Pointcare cM4 Reagent Discs



- General Chemistry I
Lyophilized Kit
- Clinical Emergency
Lyophilized Kit
- Renal Function Panel
Lyophilized Kit
- Liver Function Panel
Lyophilized Kit
- Myocardial Enzyme Panel
Lyophilized Kit
- Electrolyte Panel
Lyophilized Kit
- Glucose and Lipid Panel
Lyophilized Kit
- GLU & Lipid & HCY Panel
Lyophilized Kit
- General Chemistry II
Lyophilized Kit
- Liver and Renal Function
Lyophilized Kit
- Ammonia Panel
Lyophilized Kit
- General Chemistry IV
Lyophilized Kit

TP	TP			TP						TP		TP
ALB	ALB		ALB	ALB						ALB		ALB
GLO*	GLO*			GLO*						GLO*		GLO*
A/G*	A/G*			A/G*						A/G*		A/G*
ALT	ALT			ALT						ALT		ALT
AST	AST	AST		AST	AST					AST		AST
GGT				GGT						GGT		GGT
ALP				ALP								ALP
TBIL	TBIL			TBIL						TBIL		TBIL
DBIL	DBIL			DBIL								DBIL
IBIL*	IBIL*			IBIL*								IBIL*
UA	UA	UA	UA									UA
CRE	CRE	CRE	CRE						CRE	CRE		CRE
UREA	UREA		UREA						UREA	UREA		UREA
CK		CK			CK							
CK-MB		CK-MB			CK-MB							
LDH		LDH			LDH							
α-HBDH		α-HBDH			α-HBDH							
AMY		AMY							AMY			
GLU	GLU	GLU				GLU	GLU	GLU	GLU	GLU		GLU
GSP						GSP						
HCY							HCY					
TG	TG					TG	TG					TG
CHOL	CHOL					CHOL	CHOL					CHOL
HDL-C	HDL-C					HDL-C	HDL-C					HDL-C
LDL-C*	LDL-C*					LDL-C*	LDL-C*					LDL-C*
K ⁺		K ⁺				K ⁺			K ⁺			
Na ⁺		Na ⁺				Na ⁺			Na ⁺			
Cl ⁻		Cl ⁻				Cl ⁻			Cl ⁻			
Ca ²⁺			Ca ²⁺			Ca ²⁺						
P			P			P						
Mg ²⁺						Mg ²⁺						
CO ₂		CO ₂	CO ₂			CO ₂			CO ₂			
NH ₃											NH ₃	

* Calculated test value

German Office

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