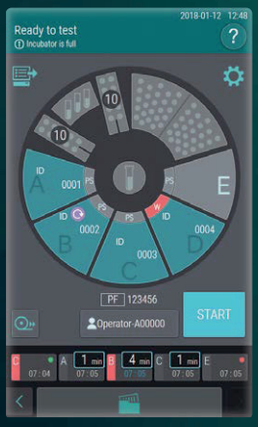
sms DIAGNOSTICS

for more efficiency ...

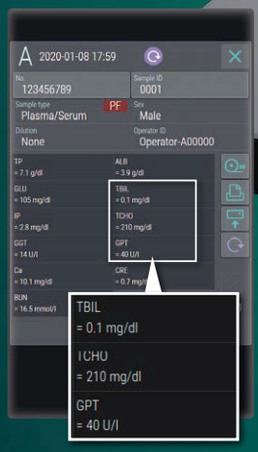
Automated Clinical Chemistry Analyzer

DRI-CHEM NX700

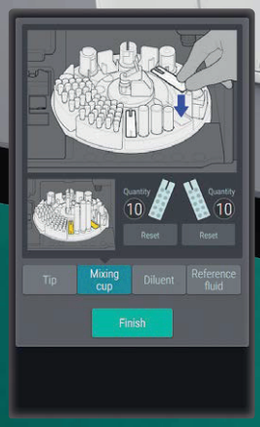
DRI-CHEM, constantly evolving
for a better tomorrow.



Écran de configuration



Affichage des résultats



Écran d'aide

FUJIFILM
Value from Innovation

Parameters

Classification		Parameter	Measurement range (*) Unit (A)			Measurement range (*) Unit (B)			Measurement time (min.)
Biochemical tests	Enzymes	ALP	14 – 1183	U/L		0.23 – 19.76	µ Kat/L		4
		AMYL	10 – 1800	U/L		0.17 – 30.06	µ Kat/L		5
		CHE	5 – 500	U/L		0.08 – 8.35	µ Kat/L		4.5
		CKMB	1 – 300	U/L		0.02 – 5.01	µ Kat/L		5
		CPK	10 – 2000	U/L		0.17 – 33.40	µ Kat/L		4
		GGT	10 – 1200	U/L		0.17 – 20.04	µ Kat/L		5
		GOT/AST	10 – 1000	U/L		0.17 – 16.70	µ Kat/L		4
		GPT/ALT	10 – 1000	U/L		0.17 – 16.70	µ Kat/L		4
		LAP	10 – 500	U/L		0.17 – 8.35	µ Kat/L		4
		LDH	50 – 900	U/L		0.84 – 15.03	µ Kat/L		2
		LIP	20 – 1000	U/L		0.33 – 16.70	µ Kat/L		5
	General chemistry	ALB	1.0 – 6.0	g/dL		10 – 60	g/L		6
		BUN	5.0 – 140.0	mg/dL		1.79 – 49.98	mmol/L		4
		Ca	4.0 – 16.0	mg/dL		1.00 – 4.00	mmol/L		4
		CRE	0.2 – 24.0	mg/dL		18 – 2122	µmol/L		5
		DBIL	0.1 – 16.0	mg/dL		2 – 274	µmol/L		5
		GLU	10 – 600	mg/dL		0.6 – 33.3	mmol/L		6
		HDL-C	10 – 110	mg/dL		0.26 – 2.84	mmol/L		6
		IP	0.5 – 15.0	mg/dL		0.16 – 4.84	mmol/L		5
		Mg	0.2 – 7.0	mg/dL		0.08 – 2.88	mmol/L		4.5
		NH3	10 – 500	µg /dL		7 – 357	µmol/L		2
		TBIL	0.2 – 30.0	mg/dL		3 – 513	µmol/L		6
		TCHO	50 – 450	mg/dL		1.29 – 11.64	mmol/L		6
		TCO_2	5 – 40	mmol/L		5 – 40	mmol/L		5
		TG	10 – 500	mg/dL		0.11 – 5.65	mmol/L		4
		TP	2.0 – 11.0	g/dL		20 – 110	g/L		6
		UA	0.5 – 18.0	mg/dL		30 – 1071	µmol/L		4
	Electrolytes	Na	75 – 250	mEq/L		75 – 250	mmol/L		1
		K	1.0 – 14.0	mEq/L		1.0 – 14.0	mmol/L		
		Cl	50 – 175	mEq/L		50 – 175	mmol/L		
Immunological test		CRP	0.3 – 7.0	mg/dL		3 – 70	mg/L		5

There are parameters which may not be available in your area. For details please contact your local distributor.

*Unit (A) or (B) is available

Calculations

Calculated Parameter	Indication	Unit	Equation
LDL Cholesterol	LDL	mg/dL	LDL-C = TCHO value - (HDL-C vlaue + TG value/5)
		mmol/L	LDL-C = TCHO value - (HDL-C value + TG value/2.2)
non-HDL Cholesterol	non-HDL	mg/dL or mmol/L	non-HDL = TCHO value - HDL-C value
Globulin	GLOB	g/dL or g/L	GLOB = TP value - ALB value
Albumin/Globulin ratio	ALB/GLOB	-	ALB/GLOB = ALB value / (TP value - ALB value)
BUN/Creatinine ratio	BUN/CRE	-	BUN/CRE = BUN value / CRE value
GOT/GPT ratio (AST/ALT ratio)	GOT/GPT (AST/ALT)	-	GOT/GPT=GOT value / GPT value (AST/ALT=AST value / ALT value)
Sodium/Potassium ratio	Na/K	-	Na/K=Na value / K value
Anion Gap	Anion Gap	mEq/L or mmol/L	Anion Gap = Na value - (Cl value + TCO_2 value)

Main specifications

Measurement test	Colorimetry 28 tests, Electrolytes 3 tests
Throughput	Colorimetry 180 test/hour, Combined 190 test/hour
Number of sample rack	5
Number of incubator cell	Colorimetry 13, Electrolytes 1
Measurement time	Colorimetry 2 to 6 minutes/test, Electrolytes 1 minute/3 tests (Na-K-Cl)
Sample type	Plasma, Serum, Whole blood*
Sample volume	Colorimetry 10µL/test, Electrolytes 50µL/3 tests (Na-K-Cl), CRP 5µL/test
Data transmission to PC	RS 232C (1 port), USB (1 port), LAN (1 port)
Data print	Thermal Printer
Electrical requirements	Single phase AC; 100 - 240 V ±10%; 50 to 60 Hz
Display	7-inch color touch panel
Dimensions	500 (W) × 380 (D) × 410 (H) mm
Weight	Approx. 33kg
Operating temperature	15 to 32°C (59 to 89F)
Operating humidity	30 to 80%RH

* NH3-W: Whole blood only NH3-P: Plasma only
Na-K-Cl: Plasma, Serum, Whole blood Other test items: Plasma, Serum

DRI-CHEM NX700 Series

	NX700	NX700i
Electrolyte tests	●	●
Plasma Filter Function	●	—
Automatic dilution	●	●

Please contact your local distributor for availability.

Option Items

Barcode Reader

Barcode reader is available as option item to read sample ID on sample tube.

Sample Rack

- For φ16 × 100 mm blood collection tube
- For φ13 × 100 mm blood collection tube
- For φ13 × 75 mm blood collection tube
- For 1.5 mL Fuji tube
- For 0.5 mL Fuji tube
- For φ16 × 100 mm blood collection tube (when using PF)
- For φ13 × 100 mm blood collection tube (when using PF)
- For φ13 × 75 mm blood collection tube (when using PF)

CE

DRI-CHEM NX700 (Product:FUJI DRI-CHEM NX700/FUJI DRI-CHEM NX700i)

The specifications and appearance of the present brochure may be changed without prior notification in order to improve the system. Please be sure to read the instruction manual carefully for proper use of the equipment.

Distributeur

sms DIAGNOSTICS

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