

FUJIFILM
Value from Innovation



Automated Clinical Chemistry Analyzer



DRI-CHEM, constantly evolving
for a better tomorrow.

NEW

DRI-CHEM NX700

Parameters

Classification	Parameter	Measurement range (*)			Measurement time (min.)		
		Unit (A)		Unit (B)			
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	$LDL-C = TCHO \text{ value} - (HDL-C \text{ value} + TG \text{ value}/5)$
		mmol/L	$LDL-C = TCHO \text{ value} - (HDL-C \text{ value} + TG \text{ value}/2.2)$
non-HDL Cholesterol	non-HDL	mg/dL or mmol/L	$non-HDL = TCHO \text{ value} - HDL-C \text{ value}$
Globulin	GLOB	g/dL or g/L	$GLOB = TP \text{ value} - ALB \text{ value}$
Albumin/Globulin ratio	ALB/GLOB	-	$ALB/GLOB = ALB \text{ value} / (TP \text{ value} - ALB \text{ value})$
BUN/Creatinine ratio	BUN/CRE	-	$BUN/CRE = BUN \text{ value} / CRE \text{ value}$
GOT/GPT ratio (AST/ALT ratio)	GOT/GPT (AST/ALT)	-	$GOT/GPT = GOT \text{ value} / GPT \text{ value} (AST/ALT = AST \text{ value} / ALT \text{ value})$
Sodium/Potassium ratio	Na/K	-	$Na/K = Na \text{ value} / K \text{ value}$
Anion Gap	Anion Gap	mEq/L or mmol/L	$Anion \text{ Gap} = Na \text{ value} - (Cl \text{ value} + TCO_2 \text{ value})$

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 89°F)
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)

DRI-CHEM NX700 (Product:FUJII DRI-CHEM NX700/FUJII 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



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