

SYNCHRON CX SPECIFICATIONS



THROUGH PUT	CX5CE	CX7	CX7DELTA/CX9
Tests per hour	525 tests/hour	825 tests/hour	900 tests/hour
Comprehensive panels	23 panels/hour	37 tests/hour	45 tests/hour
Basic panels	55 panels/hour	75 tests/hour	75 tests/hour
On-board chemistries	28 assays	32 assays	33 assays
Time for basic panel	12 minutes to complete	45 seconds to complete	45 seconds to complete

PHYSICAL PROPERTIES

Width	61 inches	74 inches	74 inches
Depth	30 inches	30 inches	30 inches
Line Voltage	200-240 VAC	200-240 VAC	200-240 VAC
Water	Deionized, 11 liters/hr	Deionized, 6.5 liters/hr	Deionized, 6.5 liters/hr

CX5CE/CX7/CX7DELTA/CX9

All CX Systems have the following identical specifications:

SOFTWARE

Operating	version 4.7
Quality control	Levy-Jennings
Interface	bi-directional host query
Chemistry	Current version

REAGENTS

Tests available	100 assays
Containers	barcoded cartridges
Refrigerated	2 to 8 degrees C
Calibration stability	14 days

SAMPLE HANDLING

Barcoded sample tubes	10mL, 7mL, 5mL
Sample cups	0.5mL, 2.0mL
Specimens	serum, plasma, urine, CSF
Sample volume	3 microliters minimum
Sample capacity	63 samples and walk away

SPECTROPHOTOMETRIC

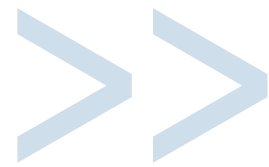
Reaction vessel	permanent glass cuvettes
Light source	pulsed Xenon lamp
Cuvette heat source	thermoelectric
Detector	discrete photo diodes



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SYNCHRON CX® SYSTEMS



- **PUT IT ON**
Bar-coded sample tubes go directly on to analyzer
- **TAKE IT OFF**
Results are downloaded to lab information system
- **ANYTIME**
Ready 24 hours with no start-up or shut-down
- **ANY TEST**
HDL, LDL, Microalbumin, HbA1c, Homocysteine, hsCRP, drugs of abuse and TDM's



CX5CE

Small

Footprint of only 61" by 32"

Fast

525 Tests per hour –
23 comprehensive panels per hour

Easy

No disposables, calibrate every 14 days,
reagents stay on-board 30 days



CX7 Delta/CX9

More

33 tests on-board

Faster

900 Tests per hour –
45 comprehensive panels per hour

Quicker

Stat chem 7 panels in 45 seconds

SYNCHRON CX/LX/DXC MENU (100 CHEMISTRIES)

Acetaminophen	IgA
Acid Phos	IgG
Albumin	IgM
Alcohol	Iron
Alk Phos	Lactate
ALT	LP(a)
Amikacin	LDH
Ammonia	LDL-direct
Amphetamine	Lidocaine
Amylase	Lipase
APO A1	Lithium
APO B	Magnesium
ASO	Methadone
AST	Methaqualone
Barbiturate	Microalbumin
Benzodiazepine	Microprotein
BUN	NAPA
BUN, urine	CRP wide-range
C3	Opiate
C4	Pancreatic Amy
Calcium	Phenobarbital
Calcium, urine	Phenytoin
Cannabinoid	Phosphorus
Carbamazepine	Phosphorus, urine
Chloride	Potassium
Chloride, urine	Potassium urine
Cholesterol	Prealbumin
Cholinesterase	Primidone
CK	Procainamide
CK-MB	Propoxyphene
CO2	Quinidine
Cocaine	RF
Creat, urine	Salicylate
Creatinine	Sodium
CRP	Sodium,urine
hsCRP	Theophylline
Digoxin	Thyroxine (T4)
Direct Bilirubin	TIBC
Fibrinogen	Tobramycin
Fructosamine	Total Bilirubin
Gentamicin	Total Protein
GGT	Transferrin
Glucose	Tricyclic
Glucose, CSF	Triglycerides
Glucose, urine	T-Uptake
Haptoglobin	UIBC
HBD	Uric Acid
HDL-direct	Uric Acid, urine
HgA1c	Valproic Acid
Homocysteine	Vancomycin

REAGENTS

Barcoded

Automatically tracks reagent stability and calibration time

Liquid

Ready-to-use (no reagent preparation)

Cartridge

Prefilled reagent containers



QUALITY CONTROL

Assayed for Carolina reagents with intra-laboratory peer group survey.

SUPPORT

In lab training

Three days operator and maintenance training

Installation

Includes linearity, correlation study and system verification

Service

24 hour in lab response time and 2 PMs per year

One Year Warranty

Reconditioned to original manufacturer's specifications

