

Refurbished **CLC480/BiOLiS 24i**

Chemistry Analyzer



Refurbished

CLC480/BiOLiS 24i Chemistry Analyzer



- Discrete, random access, fully automated
- Up to 240 photometric tests per hour
- No disposable cuvettes required
- Supports most barcoded sample tubes
- Barcoded ready-to-use reagents (most reagents)
- Bidirectional interface with host query
- 24-hour reagent cooling
- Less operational noise
- STAT capabilities
- Wavelength 340-800 nm
- Automatically tracks reagent stability and position
- Controls assayed for Carolina Liquid Chemistries reagents
- Remote diagnostics
- Free Hotline Support
- Service Contracts available



The versatility in varying laboratory environments puts the CLC480/BiOLiS 24i above all others in its class.

Technical Specifications



System function:

Fully automated, discrete, random access chemistry analyzer with water system.

Analysis:

- Number of test items onboard:** 36
- Throughput:** Up to 240 photometric tests/hr
- Analysis method:** Endpoint, rate, Turbidimetry
Stat interruption
Calculated results
Auto dilution and rerun of out-of-range results
Sample pre-dilution (1/10)
Antigen excess detection

Sample handling:

- Sample type:** Serum, plasma, urine, CSF
- Sample container:** Sample cup, primary tube (5, 7, 10 ml)
- Number of samples onboard:** 55 position sample tray
3 to 30µL sample size
Sample volume level detection
- STAT capabilities:** STAT sample priority

Reagents:

- Number onboard:** 36 tests onboard
Liquid ready-to-use
Barcoded*
Tracks test remaining
30-day onboard stability*

Calibration:

- Chemistry - 14-day stability*
- Single point, multi-point
- Linear, spline, logit-log

Reaction System:

- Optical source:** Bi-chromatic
Automatic, discrete, random access
Automatic cell blank correction
- Optical source:** Tungsten halogen lamp
- Optical measurement:** Wavelengths - 340, 380, 405, 505, 546, 570, 600, 700, 750 and 800 nm
- Cuvette material:** 60 self-cleaning semi-permanent cuvettes
- Reaction:** Displays graphic reaction curve
- Cuvette washing:** Alkaline, acid, automatic 10-step, high temp, cuvette washing
- Reagent mixing:** Dual chamber cuvette reagent mixing

User interface:

- Software:** Windows® XP based
Bidirectional LIS interface - RS-232
Automatically programs patient ID and tests
Barcodes - Code 39, Code 128, ITF, NW-7
Levy Jennings QC monitoring
Water, wash and waste alarms
Water/drain - self contained
Preventative maintenance screen
- Power supply:** AC 100/115/230 volt (50/60 Hz)
- Dimension:** 31.5" x 26.5" x 20.5" (W x D x H)
- Weight:** Approx. 210 lbs.

Warranty:

One year

Support:

877-722-8910, option 2

Remote diagnostics available

* Represents the majority of assays

Reagents Available Through Carolina Liquid Chemistries Corp

Acid Phos
Aldolase
Albumin
Alcohol
Alk Phos
ALT
Amikacin
Amylase
APO A1
APO B
ASO
AST
BUN
C3
C4
Calcium
Carbamazepine
Chloride - Photometric
Cholesterol
CK
CO2
Creatinine
CRP
CRP wide-range
Cystatin C
D-dimer
Digoxin

Direct Bilirubin
Fibrinogen
Fructosamine
Gentamicin
GGT
Glucose
Haptoglobin
HDL-direct
HbA1c
Homocysteine
IgA
IgG
IgM
Insulin
Iron
Lactate
LP(a)
LDH
LDL-direct
Lidocaine
Lipase
Magnesium
Methaqualone
Microalbumin
NAPA
Phenobarbital
Phenytoin

Phosphorus
PLAC
Potassium - Photometric
Prealbumin
Primidone
Quinidine
RF
Salicylate
Sodium - Photometric
Theophylline
Thyroxine (T4)
TIBC Direct
Tobramycin
Total Bile Acids
Total Bilirubin
Total Protein
Transferrin
Triglycerides
T-Uptake
UIBC
Uric Acid
Valproic Acid
Vancomycin
Vitamin D

Urine Drug Screens

ALCOHOL

Ethanol

ILLICIT DRUGS

Cannabinoids (THC)
Cocaine
Ecstasy (MDMA)
Heroin (6-AM)
Methamphetamine
Phencyclidine (PCP)

BARBITURATES

BENZODIAZEPINES

OPIOIDS

Buprenorphine
Fentanyl
Hydrocodone
Methadone
Methadone Metabolite (EDDP)
Oxycodone
Tapentadol
Tramadol

MUSCULOSKELETAL RELAXANTS

Carisoprodol

STIMULANTS

Amphetamine

TRICYCLIC ANTIDEPRESSANTS

ADULTERANTS

Creatinine (UCREA)
Oxidant
pH reagent
Specific Gravity, and more...

