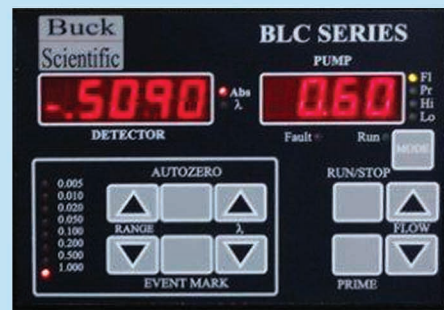


Teaching or QA separations?

The BLC-10 is the perfect teaching tool for HPLC. With its durable build and low cost of ownership, it is the one piece of lab equipment you won't be worried about in your lab. All Buck instruments are designed to be easily serviced by the analyst with our affordable spares and accessories.

You can have The BLC-10 your way!



6 Different wavelength filters to choose from for your single pump workhorse!
254nm~280nm~365nm~420nm~505nm~540nm Filter and source kits available for wavelength changes in the field.

Call for Pricing
BLC-10 Fixed
Wavelength Isocratic
HPLC System

The BLC-10 Comes with:

- ✓ 15cm column, sample loop,
- ✓ PeakSimple software,
- ✓ FunChem-experiments,
- ✓ tubing, & fittings.

BLC-10 Fixed Wavelength HPLC Specs

Pump:

- Flow Rate 0.01-9.99 ml/min.
- Pressure 0-300PSI (Analytical)
- Accuracy 1% Max. deviation
- Precision <0.5% RSD
- Panel Controls Run/Stop & Prime, Flow
- Control, Pump Status LED
- Display Flow rate (ml/min)
- Shipping Weight 31 lbs.
- Dimensions 10"W x 7"H x 17"D

Detector:

- Wavelength Range 254nm (Hg Lamp)
- Options 280, 365, 420, 505, 540nm
- Flowcell 10µL Volume, 7mm Path
- All PEEK & Quartz Materials
- ABS Range 0.005 - 1.0 ABS (2 ABS Max.)
- Drift <5 x 10⁻⁴ A/hour @ 254nm
- Noise <5 x 10⁻⁵ A @ 254nm
- Linearity >2%
- Panel Controls ABS Range, Auto-Zero
- Recorder Output 10mV full-scale
- Integrator Output 1V/ABS to 2V
- Display 4 Digits (ABS), 3 Digits (NM)

Buck Scientific HPLC Systems

Integrated ~ Automated ~ Modular

All of our systems come ready to go!

- * Available Detectors :
UV/Vis, RI, Fluorescence, and
Fixed Wavelength
- * Solvent Delivery Systems:
Isocratic, Gradient and Prep
systems - with your choice of
PEAK or 316 Stainless Steel
plumbing
- * PeakSimple Software
Free for unlimited downloads
- * 150mm Reverse Phase
Column & Syringe
- * Lifetime, free & live
phone support
- * 1-year warranty



Have you ever been tempted to save money by building your own HPLC from available components from different vendors? Well, relax, Buck will do all the work for you, and you still save all that money!



Complex Gradient Elutions are a snap with the BLC-30G Gradient HPLC

Adding a second pump saves you time and money when dealing with multi component separations.

Call for Pricing

BLC-30G Binary Gradient Variable Wavelength HPLC w/ Buck-Chrom Software

Upgrade Options Available

Call for Pricing

BLC-30PG - Binary Gradient Preparative Variable Wavelength w/ Stainless Steel Prep Pump Heads



Don't need that second pump? Save money & go with our Isocratic HPLC!

The BLC-30 Series Systems use a high quality, precision monochromator based spectrophotometer for a full range of analyses at wavelengths from 195-800nm. You can mount 2 detectors at once from our selection of four detectors. The BLC-30 comes standard with a two-stage valve and loop, either peek or stainless steel.

Isocratic elution is the preferred method for samples which occupy less than 20% of the separation space

Semi-Prep Options

These systems will meet your needs for preparing milligrams to grams samples, and give you advanced purification capabilities and savings of expensive mobile phases at the same time.

- ✓ Great for purification of expensive samples
- ✓ Compound isolation & purification from complex mixtures
- ✓ Therapeutic agent production
- ✓ Chiral separations
- ✓ Protein purification

Call for Pricing

BLC-30 Variable Wavelength Isocratic HPLC (3000 PSI) Peek or Stainless Steel

Call for Pricing

BLC-30P Variable Wavelength Isocratic Preparative w/ Stainless Steel Prep Pump Heads

BLC-30 systems include 25cm C-18 column, sample loop, PeakSimple software, tubing, & fittings.

PeakSimple Software

Easy to Learn, Easy to Use

State-of-the-Art Features

Free Technical Support

Free Download

Most PeakSimple functions are launched from the chromatogram window, and are so user-friendly that most operators can produce results almost immediately. *ToolTips* makes learning your way around PeakSimple even easier — just hold your mouse cursor over any icon or checkbox to read the onscreen "How-To" instructions.

Upgrade to Add-on
High Pressure Stainless Steel Construction for any system
- 6000PSI ; MeCl₂, THF, DMF & other aprotic solvents

Columns and Spares available @ bucksci.com

BLC-30 Series Variable Wavelength HPLC Specs

Pump:

- Flow Rate 0.01-9.99 ml/min.
- Pressure 0-2500PSI (Analytical)
- Accuracy 1% Max. deviation
- Precision <0.5% RSD
- Panel Controls Run/Stop & Prime, Flow Control, Pump Status LED
- Display Flow rate (ml/min)
- Shipping Weight 40 lbs.
- Dimensions 16"W x 7"H x 17"D

Detector:

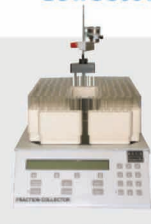
- Wavelength Range 195 - 800nm
- Bandpass 5nm
- Flowcell 10L Volume, 7mm Path
- ABS Range 0.005 - 1.0 ABS (2 ABS Max.)
- Drift <2 x 10⁻⁴ A/hour @ 254nm
- Noise <2 x 10⁻⁵ A @ 254nm
- Linearity >2%
- Panel Controls ABS, Auto-Zero, Wavelength
- Wavelength Accuracy <2nm, Reproducibility < 1nm
- Recorder Output 10mV full-scale
- Integrator Output 1V/ABS to 2V
- Display 4 Digits (ABS), 3 Digits (NM)

Spark Holland Optimas Autosampler (84 position)



Optimizing your injection automation, using reliable injection technology, with a carousel holder for sample vial flexibility.

Fraction Collector



Our fraction collector can be operated as a simple fraction collector, where each fraction is the same size and the fraction size is set in terms of time, drops, or external events.

Fluorescence Detector



The "RF-10 AXL" is a highly sensitive detector for determining derivatized amino acids and other compounds showing fluorescent activity in trace analysis.

Refractive Index detector



The differential refractometer is suitable for detecting compounds with little or no UV activity such as sugars or polymers.

Bubbles Equal Headaches!



Our 2 channel Degasser will alleviate your bubble problem.