

eksigent expressLC™-800 system

Turn months into days with the eight-column Eksigent ExpressLC-800 System. The ExpressLC-800 multiplexes Eksigent's fast and reliable capillary chromatography technology to deliver extraordinary analytical speed. Get results much, much sooner for high-throughput applications such as ADMETox screening and analytical method development. Study compound attributes more closely and fine-tune your methods by testing more column conditions and gradient profiles in less time. The Eksigent ExpressLC-800 System is so fast and economical, you'll never have to move forward on limited data in order to stay on schedule or within budget.

- Run 8 samples on the ExpressLC™-800 System in the time it takes to do one sample using conventional HPLC
- Analyze tens of thousands of samples with less than a liter of solvent
- Run identical or unique separation methods in each of eight individually addressable channels
- Separate complex mixtures and re-equilibrate columns in minutes
- Make your lab efficient with a parallel benchtop capillary LC system that consolidates gradient delivery, sample injection, optical detection, and eight-column throughput

40x sample throughput

The math is pretty simple. Eksigent's ExpressLC eight-channel technology performs reproducible isocratic or gradient separations of complex mixtures and re-equilibrates the column in just minutes – at least forty times faster than the best conventional scale setups. With eight independent gradient pumps, injection valves, and temperature controlled columns running in parallel, the Eksigent ExpressLC-800 delivers a dramatic sample throughput advantage.

economy and efficiency

With a low cost of operation and a compact profile, the ExpressLC-800 System saves more than time. Solvent purchase and disposal costs become negligible because the ExpressLC-800 System uses less than 2.5 mL solvent per 96 samples. With a footprint of just 76 cm x 86 cm x 142 cm, the integrated, eight-channel ExpressLC-800 takes up a fraction of the space of 8 conventional single-column systems, but delivers much more data in much less time.

capillary chromatography advantages

When you make the move to capillary chromatography, you expect certain advantages. High sensitivity. Precise and immediate flow rate control. Very low solvent consumption and waste. Immediate re-equilibration. And highly reproducible separations.

Make sure you get all the advantages you're looking for. The Eksigent ExpressLC-800 is a parallel, capillary LC system from end-to-end that delivers performance and value that system designs adapted from conventional-scale components simply cannot match.





eksigent technologies

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expressLC-800 system specifications

system components: expressLC-800 system

- Eight binary gradient pumps
- Eight electronically controlled injection valves
- Eight column temperature control compartments
- Array-based UV detection system
- Pentium IV based data system
- Optional IFC PAL high-speed autosampler
- System control and data acquisition software

power requirements

ExpressLC-800: 100-240 VAC, 50/60 Hz, 4A
IFC PAL: 100-240 VAC, 50/60 Hz, 4A
Data System: 100-240 VAC, 50/60 Hz, 1A
LCD Monitor: 100-240 VAC, 50/60 Hz, 1A

dimensions

ExpressLC-800 system: 30" (76 cm) wide, 34" (86 cm) deep, 56" (142 cm) high.
ExpressLC-800 autosampler: adds 24" (60 cm) in height and 24" (60 cm) in width.

service and warranty

The purchase price includes installation and training by service representatives plus a one-year warranty on parts and labor.

ordering information

Description	P/N
ExpressLC-800 System w/IFC PAL	950-00034