

Catch up with Prince Technologies

Welcome

Prince Technologies have been designing and building cutting-edge analysis systems based on high-performance capillary electrophoresis (CE) for almost twenty years.

The CE specialists

We're a technology driven company, specialising in instrumentation for capillary electrophoresis and its hybrid separation techniques. Our mission is to develop modular CE technologies that can be marketed by distributors worldwide, or which can be delivered to the market by OEM partners.

In fact, you may well have already met some of our products, so successful are they, in a wide variety of fields. We've delivered worldwide hundreds of systems to OEM partners and global distributors.

Recently we launched a brand new look for our company, and we've put together this short booklet to give you an idea of our mission and of our unique and cutting-edge products.

Contact us

We're confident you'll be impressed by what we have to say and hope that you'll get in touch with us by email or – even better – by giving us a call. Contact details are on the back of this brochure and on our web site, and you can also use our site to leave us a message. We look forward to hearing from you soon!



Technology leaders

Prince Technologies were founded in 1990 with a dedicated focus on developing advanced capillary electrophoresis (CE) technologies and applications for use in research and development in industry, QC, education and the pharmaceutical market.

The CE advantage

Capillary electrophoresis is a novel, miniaturised separation technique that brings versatility, speed and high resolution to the combined fields of electrophoresis and chromatography.

You'll probably find that many so-called "solutions" still rely on much older technologies such as HPLC (high-performance liquid chromatography), which suffers from cost and environmental issues. HPLC requires considerably larger volumes of solvents and reagents, leading to higher cost and logistical problems when waste collection needs to be done.

Capillary electrophoresis uses much smaller volumes of reagents and solvents, is faster, more advanced and cheaper for the end-user.

The CE experts

Although other companies have developed CE systems, we're the only company in the world to focus on CE. Our range of CE products has been field-tested for years and is both powerful and reliable. We've used our unique expertise to develop a modular and flexible analytical solution.

The PrinCE system is uniquely modular and flexible. Here we show two configurations, demonstrating how the core CE System can be enhanced and expanded.



Introducing the PrinCE platform

CE refined

Our unsurpassed experience in CE detection and analysis systems has led us to develop the unique PrinCE platform. Developed and refined over a number of years, and offering unmatched integration and flexibility, it is comprised of a range of technologies which can be used and re-used in a wide variety of ways.

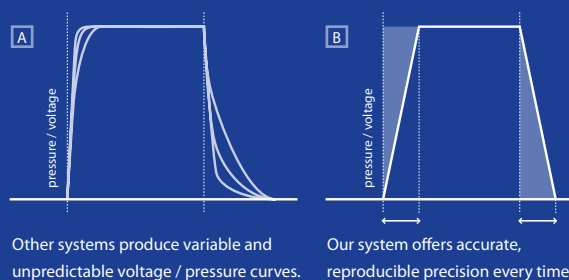
System components

Automated Sample Injection System

The most accurate and reliable injection unit on the market, based on our patented Dynamic Compression Injection (DCI) technology.

Whereas other systems suffer from variations in pressure and voltage during the injection process, our DCI system offers a precise, reliably controlled application environment.

The visible advantage (pressure/voltage over time):



Delivering precise pressure and voltage ramping and advanced temperature control, it guarantees reproducible and accurate results across a wide range of applications. It also dispenses with the need for an external pressure source and is fully programmable in terms of upslope, downslope and in-run voltages and pressure.



System components (continued)

High voltage power supply

A versatile programmable polarity-switching feature, which can be pre-programmed or activated during injection or run situations, to give fast and efficient separations.

Autosampler and fraction collector

The modular design of the PrinCE allows a great deal of customisation and configuration. Options include multi-position sample trays, random-access carousels and a peltier-controlled environment for the protection of samples.

Operation control and data analysis

The PrinCE system can operate as a stand-alone unit with multiple stored methods, or under full PC control. Our advanced software delivers optimised performance and offers comprehensive data retrieval and analysis capabilities.

Applications and support

We provide a very effective support service to all of our customers, and unlike some companies we offer this as an ongoing programme rather than just an afterthought.

We take pride in continuing to maintain and support every instrument we've sold since our earliest days, and with our comprehensive distributor and end-user training programmes, you can be sure that your investment in our products will be secure for years to come.

Dedicated solutions

Our technology offers you and the wider market a uniquely comprehensive and flexible solution. CE is a tried and tested method, and offers numerous advantages over older methods.

Our approach to selling our products is as flexible and open as our technologies themselves, and we want to work with you as partners in expanding our markets, and creating new opportunities.

OEM

We've had a great deal of success in licensing our technologies, and we're confident you'll be impressed by the variety of uses to which they're being put. The OEM approach is one that obviously benefits both partners immensely.

Strategic alliances

We're keen to see our products sold and supported in new territories and new markets. Our flexible approach enables us to deliver customised solutions which target specific problems.

Our future is yours

Our products are always evolving, and our experience is enabling us to continue developing even more advanced, cutting-edge solutions, which means that together we can overcome the challenges of the future.

Your distributor:



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