

A SPECTRUM OF POSSIBILITIES

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The high-throughput capillary electrophoresis (CE) market is currently limited to a small number of commercially available instruments for the forensic sector. Whilst the industry leading instrument is fit for purpose, there is limited competition. Promega are currently in development of a new CE system – the Spectrum CE System. This represents Promega's first foray into the CE market, and in particular is designed to meet the needs of the forensic industry and comes with multiple innovative design features that make it a viable alternative.

Promega invited members of the forensic community to test their new CE instrument at their site in Wisconsin. The users were introduced to the instrument, trained in its operation, shown how to carry out regular maintenance procedures and invited to provide feedback on their experiences using the Spectrum CE System.

The Spectrum CE System has multiple operational advantages over the alternative instruments available to the forensics market, including improved functionality to enhance operational versatility and reduce user error. In addition, continuous access to the four plate loading position alongside injection re-prioritisation allows for flexible workflow management and scheduling. In less than a week the users were able to design and optimise their own protocols, competently operate the instrument and successfully carry out a variety of experiments.