Get there, faster

with iCE3

proteinsimple®

a bio-techne brand

Method development
in hours, not weeks.

The iCE3

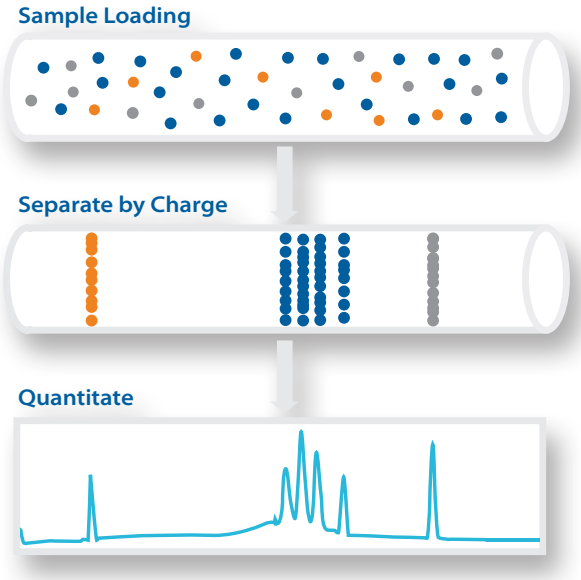
Tomorrow's challenges are always looming, so why not catapult ahead? iCE3 lets you move beyond the limits of traditional protein analysis. Quick and simple method development gets you to product approval sooner, or as we like to say: FDA, PDQ.

Streamlines

iCE3 fast-tracks your development timelines. 10-minute start to finish runs let you optimize method conditions in an afternoon. As an added bonus, you can use the same method for multiple molecules — no need for product-specific methods. You can now standardize platform methods across product development and QC, so you'll save time and costs and get more consistent data and information in the process.

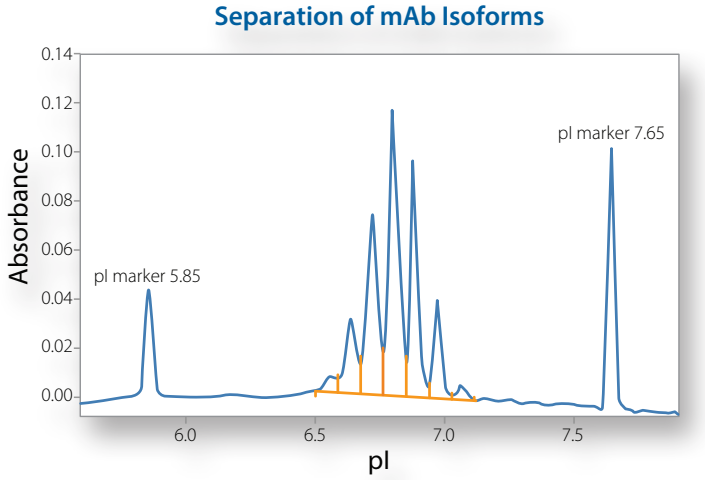
Simplifies

Techniques like IEF gels, ion exchange and traditional capillary IEF have great benefits, but each has its own set of challenges too. iCE3 combines the best of these three worlds, giving you high resolution, quantitation and automation without the hassles. No variability, no manual processes, no long product-specific method development, and no mobilization steps that double analysis times.



Resolves

Proteins are complex, no way around it. They behave differently, come in a variety of shapes and sizes, and some are linked to other molecules. iCE3 easily separates proteins in the most challenging samples. In fact, that's what it does best.



Assures

Over 100 publications, presentations, and posters can't be wrong. Customers across sites, countries and continents rely on iCE systems to solve their toughest challenges and meet regulatory requirements. Here's the real proof: A 12-lab study at 11 biopharms verified iCE™ technology as robust and reliable for charge heterogeneity analysis of monoclonal antibodies[1].

[1]Robustness of iCIEF methodology for the analysis of monoclonal antibodies: An interlaboratory study, O Salas-Solano, et al., *Journal of Separation Science*, Nov 2012; 35(22):3124–9.

Specifications

iCE3 Instrument

Description	Specification
Sample Volume/Run	12–17 µL
Sample Delivery	Alcott 720 Autosampler or PrinCE Next Microinjector
Typical Run Time	10–15 minutes
Detection	UV absorption at 280 nm
Focusing Voltage	600 V/cm
Dimensions	66 cm H x 28 cm W x 31 cm D
Weight	20 kg (45 lbs)
Power	120–230 V AC, 50/60 Hz

PrinCE Next Autosampler

Description	Specification
Tray Capacity	Buffer Tray: 50 (11 mm) vials Sample Tray: 50 (11 mm) vials or one 96-well microplate
Sample Cooling	4–40 °C, ± 1°C
Dimensions	47 cm H x 33 cm W x 66 cm D
Weight	28 kg (61 lbs)
Power	120–240 V AC, 50/60 Hz

Alcott 720 Autosampler

Description	Specification
Tray Capacity	48/4 Tray: 48 (11 mm) vials plus 4 (10 mL) vials 96/4 Tray: 96-well microplate plus 4 (10 mL) vials
Sample Cooling	4–40 °C, ± 1°C
Dimensions	33 cm H x 32 cm W x 55 cm D
Weight	16 kg (35 lbs)
Power	100–240 V AC, 50/60 Hz

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