iCE3 with PrinCE Next Autosampler

The iCE3 with PrinCE Next Autosampler is an update to the popular iCE280 with PrinCE Microinjector system. This configuration offers even easier operation with no system balancing required. The PrinCE Next provides improved sample temperature control with new 50-vial sample tray and 96-well plate options. The iCE with PrinCE Next Autosampler also allows seamless method transfer between the iCE280 and the iCE3 systems.

SPECIFICATION	DESCRIPTION
Injection Mode	Pressure
Temperature Range	4–40°C ± 1°C
Sample Tray Capacity	50 vials or one 96-well plate
Vial Options	50 vial tray accomodates 12 x 32 mm, 2-mL glass vials with 300 µL limited volume inserts
96-well Plate Options	Requires the following: • 96-well plate adapter, ProteinSimple part no. 045-143 • Requires Grenier part no. 655101 or 655161 • Plate sealing film, Excel Scientific part no. XP-100
Throughput	HT cIEF Cartridge – 5 to 6 samples per hour depending on method time FC cIEF Cartridge – 3 to 4 samples per hour depending on method time
Typical Sample Volume	13 µL
Injections per 100 µL	7
System Dimensions iCE3, PrinCE Next and PC	66 cm H x 116 cm W x 82 cm D

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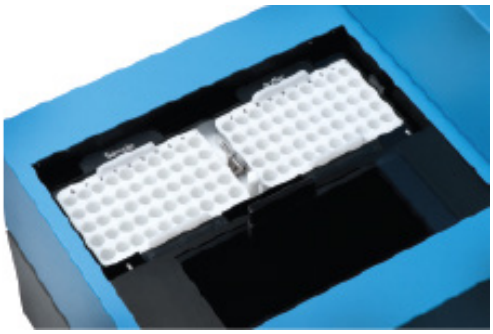
PrinCE Next Autosampler Consumables



Vials and Caps

PART NO.	DESCRIPTION
045-132	Glass vial, 2 mL, 100/package
102031	Cap with septa, 100/package
045-135	Vial insert, 300 µL, 100/package

Fluid Path Components and Assemblies

PART NO.	DESCRIPTION
045-074	Microinjector transfer capillary, coated
045-144	Sample/buffer tray adapter, holder for sample/buffer tray, two shipped with system
045-145	Sample/buffer tray, white plastic, two shipped with system
045-143	96-well plate adaptor, accessory plate required for use of 96-well plates, order separately

Other Accessories

SUPPLIER	PART NO.	DESCRIPTION
Grenier	655101	Microplate, 96-well, clear, solid F-bottom (flat), standard
Grenier	655161	Microplate, 96-well, clear, solid F-bottom (flat), sterile
Excel Scientific	XP-100	X-pierce sealing films, non-sterile

NEED MORE INFORMATION?

Find out how biopharma scientists are using iCE technology to accelerate their product development at www.proteinsimple.com/webinar_ice.html.

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