

## Comparison Chart

	<b>CEL-3000</b>	<b>CEP-5000</b>	<b>CEM-7000</b>
Application	Lab	Portable and Lab	Lab
Lifter(s)	dual	dual	dual
Carousel positions	50	16	20
HV Voltage	0 – ±30 kV	0 – ±25 kV	0 – ±30 kV
HV Current	0 – ±300 µA	0 – ±300 µA	0 – ±300 µA
HV power	0 – 6 W	0 – 4 W	0 – 6 W
HP range	0 – 120 psi ext.	0 – 25 psi int. / 0 – 80 psi ext.	0 – 80 psi ext.
Built-in 23psi HP pump	No	Yes	No
LP range	0 – 5 psi	0 – 5 psi	0 – 5 psi
Injection	Inlet and outlet	Inlet only	Inlet and outlet
CEC operation	Yes	No	Yes
Work with detection modules (UVV-520, UVV-560, LIF-820, C4D-720, DAD-920, etc.)	Yes	Yes	Yes
Work with miniaturized detectors (UVV-580, LIF-880, C4D-700, etc.)	Yes (not recommended)	Yes	Yes
Work with portable detectors (UVV-500, UVV-550, LIF-800, etc.)	No	Yes (not recommended)	Yes (not recommended)
Air cooling for capillary (AC-C*)	Yes (optional built-in)	Yes (optional Ext. CapiTC-51)	Yes (optional built-in)
Liquid cooling for capillary (LC-C*)	Yes (optional built-in)	Yes (optional Ext. CapiTC-51)	Yes (optional built-in)
Liquid cooling for sample tray (LC-S*)	Yes (optional built-in)	No	Yes (optional built-in)
Reagent refill	Yes (optional built-in)	No	No
Input voltage	80-260V / 47-63Hz AC	12-16VDC via AC adapter	80-260V / 47-63Hz AC
Input power	200W	50W	150W
Dimension (Width x Depth x Height)	334 x 534 x 446 mm 13.2 x 21.1 x 17.6 in.	360 x 270 x 225 mm 14.2 x 10.6 x 8.9 in.	400 x 410 x 305 mm 15.7 x 16.1 x 12 in.
Weight			
Capillary cassette	Yes	Yes (when Ext. CapiTC-51 unit is used)	Yes (when AC-C* or LC-C* option is needed)
Software	PKS Station for CE, Ver 5+	PKS Station for CE, Ver 5+	PKS Station for CE, Ver 5+

**Note:** \*: LC-C: Liquid Cooling for Capillary; AC-C: Air Cooling for Capillary; LC-S: Liquid Cooling for Sample Tray