



## Cesium Products Comparison Chart

Specification	4065C	CsIII / CsIII-EP	Cs4000 / Cs4000-EP
<b>Accuracy</b> Std Performance/High Performance	<1E-12 / <5E-13	<1E-12 / <5E-13	<1E-12 / <5E-13
<b>Stability (10S)</b> Std Performance/High Performance	<8.5E-12 / <3.5E-12	<8.5E-12 / <2.7E-12	<8.5E-12 / <2.7E-12
<b>Stability (noise floor)</b> Std Performance/High Performance	<5E-14 / <2E-14	<5E-14 / <1E-14	<5E-14 / <1E-14
<b>Phase Noise 1Hz offset</b>	-95 dBc (5 MHz)	-95 dBc (5 MHz)	-95 dBc (5 MHz)
<b>RF Outputs (sine)</b>	9 total	2 total	6 total
1 MHz	3	0	1
5 MHz	3	1	2
10 MHz	3	1	2
100 kHz	0	0	1
<b>Programmable TTL Output</b> 100 kHz, 1, 5, 10 MHz	1	N/A	N/A
<b>1 pps Output</b>	1	1	3 total
<b>1 pps Sync Input</b>	1	1	2 total
<b>Operating Voltage</b>	AC / DC	AC with DC optional	AC / DC
<b>Battery Backup</b>	std	N/A	Option
<b>Time of Day</b>	std	N/A	Option
<b>Warranty Electronics / Tube</b>	2 yr / 12 yr	2 yr / 6 yr (12 yr optional)	2 yr / 12 yr
<b>Warranty Electronics / Hi-perf Tube (EP Models)</b>	2 yr / 3 yr	2 yr / 3 yr	2 yr / 3 yr
<b>RS-232 Control and Monitoring</b>	std	std	std
<b>Monitor 2 Software</b>	N/A	std	std
<b>Telecom Synthesizer T1 / E1</b>	N/A	Option	Option
<b>Time Display and Keypad</b>	std	N/A	Option
<b>Portability Kit</b>	N/A	Option	N/A
<b>Dimensions</b>	19" x 21" x 5.2"H	19" x 15" x 3.5"H	19" x 21" x 5.2"H
<b>Weight</b>	70 lbs	< 30 lbs	< 50 lbs