

These charts are intended as selection guides only. For complete and precise specifications, consult the data sheet for each model.

Model	9353 100-ps Time Digitizer/MCS	MCS-pci MultiChannel Scaler on a PCI Card with Software
Package	Plug-in PCI Card	Plug-in PCI Card
Bus	PCI	PCI
Dwell Time Minimum Maximum	100 ps 13 μ s	100 ns 1300 s
Memory Length (bins)	67,000,000	65,526
Time Span Minimum Maximum	51.2 ns 6.7 ms	6.55 ms 2.7 years
Time Offset Minimum Maximum	0 ns 6.7 ms	N/A N/A
Input and Rates	Positive or Negative: 1 GHz burst; >10 MHz continuous	Fast Discriminator \pm 150 MHz; SCA 1 MHz
End-of-Pass Dead Time	0	0
Dead Time Between Channels	0	0
Software Base	Microsoft Windows	Microsoft Windows
User-Defined Calibration of Horizontal Axis	Linear, Quadratic, or Cubic; Least Square Fit	Linear, Quadratic, or Cubic Least Square Fit
Dead Time Correction	Included in Software	N/A
Programmer's Toolkit	Included	A11-B32
Operating Modes	Histogramming List, Chromatograph, and Trend Modes	MCS Histogramming, SCA Sweep Mode; Ramp Standard, Sawtooth or Triangular

Specifications subject to change
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