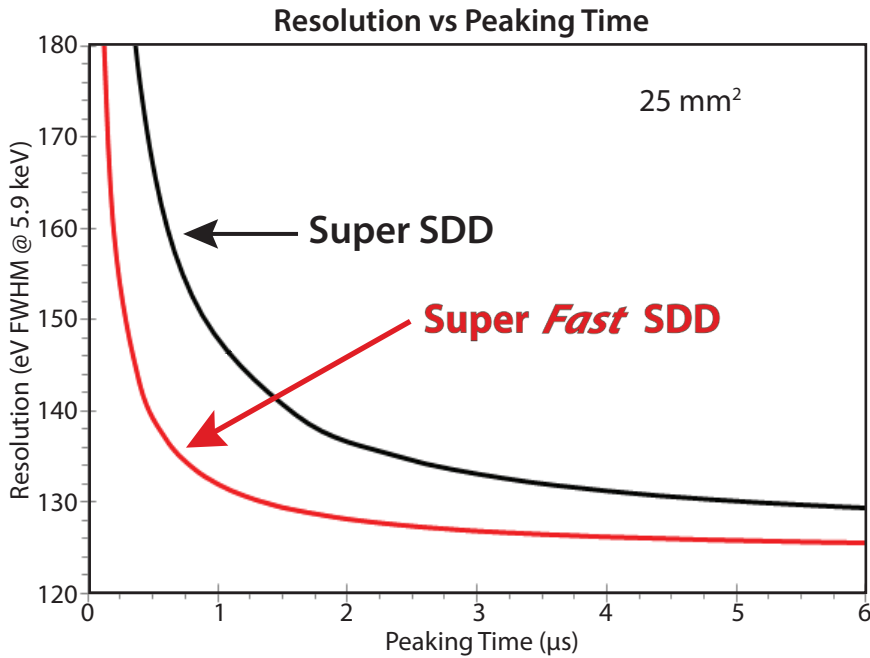


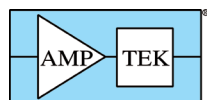
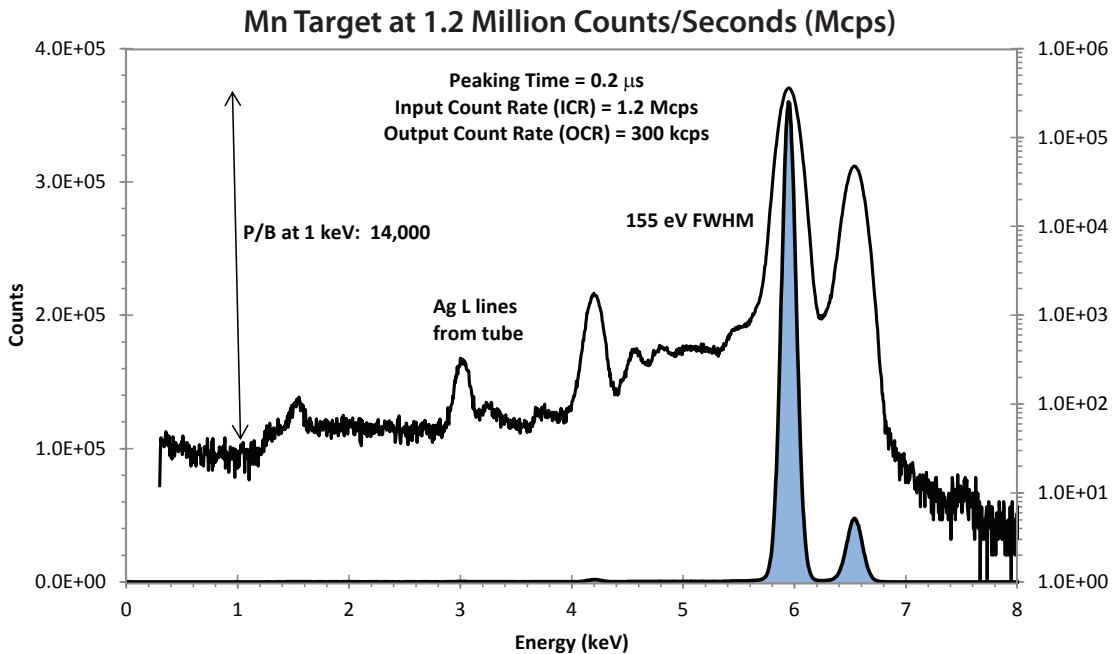
# Next Generation SDD

## Super Fast SDD

10 Times the Throughput - No Resolution Loss



Resolution	Peaking Time
125 eV FWHM	8 µs
135 eV FWHM	1 µs
155 eV FWHM	0.2 µs

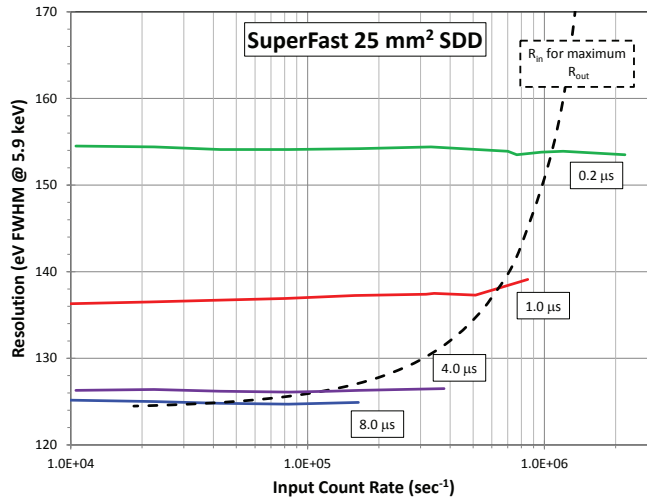
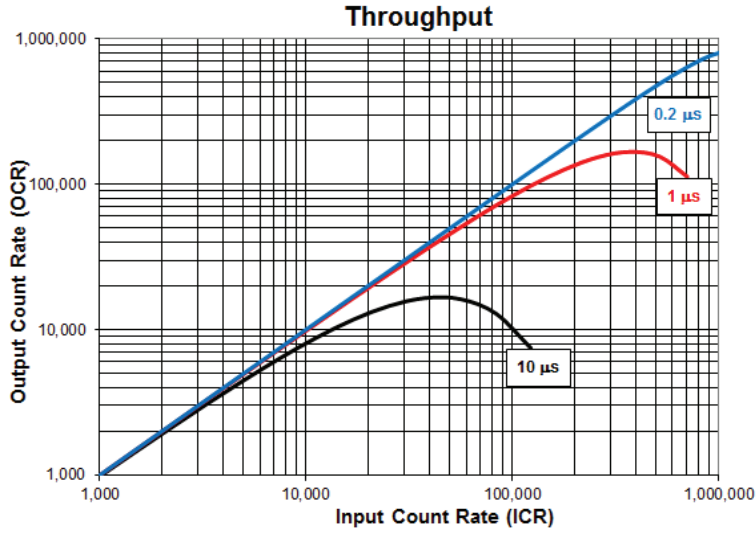


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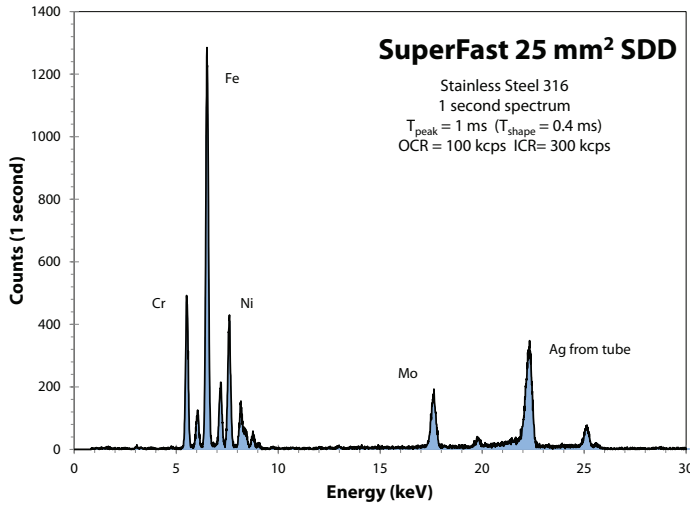
OEM's #1 Choice

# Advance Product Information

## Super Fast SDD

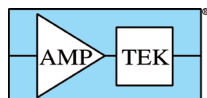


## QUANTITATIVE ANALYSIS OF A 1 SECOND ACQUISITION



### Stainless Steel 316 - NIST 1155

Element	Certified Concentration	Super Fast SDD Result in 1 second
V	0.05	0.16 $\pm$ 0.28
Cr	18.45	18.32 $\pm$ 0.80
Mn	1.63	0.40 $\pm$ 0.55
Fe	64.51	65.89 $\pm$ 1.64
Co	0.10	0.00 $\pm$ 0.40
Ni	12.18	12.56 $\pm$ 0.47
Cu	0.17	0.19 $\pm$ 0.02
Mo	2.38	2.34 $\pm$ 0.08



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