

## *Comparison of Segregation Testers*

Testing Capabilities	<i>SPECTester</i>	Jenike Sifting Tester™	Jenike Fluidization Tester®
Segregation by particle size	YES	YES	YES
Segregation by sifting	YES	YES	no
Segregation by fluidization	YES	no	YES
Segregation by angle of repose	YES	no	no
Segregation by chemical component	YES	no	no
Segregation by air entrainment	YES	no	no
Identifies primary segregation mechanism	YES	no	no
Identifies process design parameters	YES	no	no
Identifies process quality control issues	YES	no	no
Results scaleable to process conditions	YES	no	no
Provides uniformity index for sample	YES	no	no
Provides segregation variance data	YES	no	no
Measures segregation upon hopper discharge	YES	YES	no
Measures segregation within hopper	YES	no	YES
Number of segregation points measured within sample	<b>50</b>	-	3
Number of segregation points measured on discharge	<b>50</b>	24	-
Number of components in sample	<b>up to 6</b>	2	2
USB output to thumb-drive (included) Excel-ready data	YES	no	no
Touch-screen/pad control	YES	no	YES
Automatic analysis	YES	no	YES
Additional equipment required for data acquisition	<b>NONE</b>	required	none