

Specification	Importance	Unit of Measure	Marginal Value	Ideal Value	Ideal Specification met?	Actual Value
Cost	9	\$	\$10,000	\$7,000	No	\$13068.74
Total Measured Coverage	9	%				Determined by User Input for Number of Cross Scans
Clean Dies	9	%	95	100	Yes	
Measurement Precision	9	in	0.001	0.001		
Footprint Size	3	Sq. ft	6	4	No	7.1
Cycle Time	3	Minutes	5	< 5	No	30 Minutes at 1 Inch Intervals for Large Dies, Hours at small resolution
Die Compatibility	3	Models	3/8" and 5/8" models	All	Yes	
Data Storage	3	# of dies		All	Yes	
Customer Ease	3					Easy to Use Interface Design
Weight	1	lbs	> 100	< 100	Yes	

**9 = Must have, 3 = Nice to have, 1 = preference**

### Reasons any were not met

Cost: Laser simply cost more than expected, Actual Budget was **\$13032.42** leaving a balance of **-36.32**

Footprint Size: Larger Square footage required to allow for cleaning and loading of the die

Cycle Time: Very adjustable, but a thorough analysis takes much longer than initially anticipated. The laser is the limiting factor here.