

Category	Customer Need	Description	Importance	Need Met?	
System	CN1	Training Docs	1	Yes	
	CN2	Training Personnel	1		
Measurement	CN3	Environmental Protection	9	No	
	CN4	sqc	3		
	CN5	small/portable	3	No	
	CN6	hold part w/o damaging	9	Yes	
	CN7	efficient	3	Yes	
	CN8	improve cycle time once database is established	1		
	CN9	compatible with multiple dies	3	Yes	
	CN10	low cost	3	Yes	
	CN11	automated	9	Yes	
	CN12	Go/No-Go display	3	No	
	CN13	verify conformance	9	No	
	CN14	computer to product interface	3	Yes	
	CN15	verify die shape	3	No	
	CN16	verify RRO	9	No	
	CN17	verify thread pitch	9	No	
	CN18	verify thread shape	9	No	
	CN19	clean parts before measurement	9	Yes	
	CN20	clean lens	9	Yes	
	CN21	shock resistant	3	No	
	CN22	fail-safe established if bad run	3	No	
	Database	CN23	database collection	1	
CN24		accurate database	9		
CN25		verify with drawings	9		
CN26		compare to same die	3		
CN27		die numbering system	3		

Reasons needs were not met:

CN3: As time progressed, a Plexiglas enclosure seemed less important

CN5: Robustness required did not allow for this

CN10: Cost low relative to units on the market

CN12: Currently only stores die information, does not analyze

CN13: No analysis performed-do not know what a "bad" die is

CN15: No analysis performed-do not know what a "bad" die is

CN16: No analysis performed-do not know what a "bad" die is

CN17: No analysis performed-do not know what a "bad" die is

CN18: No analysis performed-do not know what a "bad" die is

CN21: Cost/Time

CN22: Time