Criteria	Option 1	Option 2 Cost	Option 3 Cost	Option 2 Test Accuracy	Option 3 Test Accuracy	Option 2 Safety	Option 3 Safety	Option 2 Implementation Complexity	Option 2 Implementation Complexity	Option 2 Time to Develop	Option 3 Time to Develop
Form factor (fitting within frame of rack)	Datum	+	+	S	S	S	S	S	S	S	S
Cost		-	+	-	+	S	S	-	-	-	+
Accuracy of test		S	-	+	S	S	S	S	S	S	S
Safety		S	S	S	S	-	S	S	S	S	S
Complexity of implementation		-	+	-	S	S	S	-	-	-	-
Manufacturability (feasibility: how easy it is to create)		-	S	-	+	S	S	+	-	+	-
Test speed		-	S	+	-	S	S	S	S	S	S
Ease of user input		-	S	S	S	S	S	+	+	S	S
Ease of display		S	-	S	S	S	S	+	S	S	S
Serviceablity (Design for test)		S	S	S	S	S	S	S	S	S	S
Time to develop (programming, work hours, etc.)		-	S	-	+	S	S	-	-	-	-
Scalability (expansion to multiple ports)		-	+	S	S	S	S	S	S	S	S
Positive		**1**	**3**	**2**	**3**	**0**	**0**	**3**	**1**	**1**	**1**
Sum 0's		**4**	**6**	**6**	**8**	**11**	**12**	**6**	**7**	**8**	**8**
Negative		**6**	**2**	**4**	**1**	**1**	**0**	**3**	**4**	**3**	**3**
+ = BETTER											
- = WORSE											