



KALPAK INSTRUMENTS & CONTROLS

Shed no. 16,N.R.Industrial Estate,
S.no.25/3,Hingane Khurd, Vithalwadi,
P U N E-411 051

Tel : 020-2434 63 63/2434 68 02, Fax : 020-2434 63 63

E mail: kalpakpune@gmail.com

QUESTIONNAIRE

FOR KALPAK FATIGUE TESTING MACHINE

Company Details:

Company			
Address			
		PIN	
Contact Person			
Designation			
Tel No.		Fax No.	
E-mail		Mobile	

Machine Configuration Required:

Type (Tick option required.)	Servo Hydraulic/ Servo Pneumatic
Maximum Load Capacity	
Maximum Deflection in mm	
Testing Frequencymm @Hz. (Max) ,mm @Hz. (Min)
Cross head Height in mm	
Horizontal Test Space in mm	
Machine Control (Select one)	PLC/PC
Additional Load Cells	
Optional Features Required	
Extensometers	
Hot Air Circulation Chamber	
PC Graphic (In case of PLC control)	
Any additional Requirements	

1.Materials

Materials to be tested (e.g. Metals, Rubber, Plastics, Paper etc)	
Components to be tested	

2. Type of Tests

S No.	Type of tests	Required	Fixture/Grip Specification	Test Standard
A.	TENSILE	YES/NO		
B.	COMPRESSION	YES/NO		
C.	BENDING	YES/NO		
I.	ANY OTHER TESTS (PL SPECIFY.)			
I a.		YES/NO		
I b.		YES/NO		
I c.		YES/NO		

3. Test Sample Details:

Sl No.	Material	Shape Flat/Round	Dimensions in mm			Test
			Width	Thickness/Dia.	Gauge Length	
1.						
2.						
3.						
4.						
5.						

* Sample dimension for tensile/compression specimens are required for selecting suitable fixtures.



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4. Force Requirement

SI No.	Material	Expected Breaking Load (N/KN/LBs/KG/Tons) Tick Units required.		
		Min.	Max.	Test
1.				
2.				
3.				
4.				
5.				

- Expected breaking load is required for selecting suitable Load Cell

5. Extension/Elongation Requirement

SI No.	Material	Expected Extension in mm or % of Gauge Length		
		Min.	Max.	Test to be conducted.
1.				
2.				
3.				
4.				
5.				

- Expected Extension is required to select max. cross head travel required

6. Testing Speed Requirement

SI No.	Material	Testing Speed Mm/min.	Test
1.			
2.			
3.			
4.			

- Testing Speed is required for selecting main drive system

7. In case any tests are to be conducted at elevated temperatures please furnish details.

8. Standard followed for Testing:

Enclose Extract of the Test Standards like IS, BS, ASTM, DIN, to be followed by you .

9. If any other special tests/special requirements are required, please give details

Name:

Designation:

Date: