



# 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 UNIVERSAL TESTING MACHINE

#### Company Details:

<b>Company</b>			
<b>Address</b>			
		<b>PIN</b>	
<b>Contact Person</b>			
<b>Designation</b>			
<b>Tel No.</b>		<b>Fax No.</b>	
<b>E-mail</b>		<b>Mobile</b>	

#### Machine Configuration Required:

<b>Type (Tick option required.)</b>	Electronic/Computerised/ Hydraulic/Servo Hydraulic
<b>Maximum Load Capacity</b>	
<b>Load resolution</b>	
<b>Cross head Height in mm</b>	
<b>Horizontal Test Space in mm</b>	
<b>Size in mm Height X Width X Depth</b>	
<b>Testing Speed</b>	
<b>Additional Load Cells required</b>	
<b>Optional Features</b>	
<b>Extensometers</b>	
<b>Hot Air Circulation Chamber</b>	
<b>PC Configuration Required</b>	
<b>Any additional Requirements</b>	

#### 1.Materials

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

#### 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		
D.	TEAR	YES/NO		
E.	PEAL	YES/NO		
F.	ADHESION	YES/NO		
G.	CYCLIC	YES/NO		
H.	FLEXURE	YES/NO		
I.	ANY OTHER TESTS (PL SPECIFY.)			
I a.		YES/NO		
I b.		YES/NO		
I c.		YES/NO		



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### 3. Test Sample Details:

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

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

### 4. Force Requirement

Sl 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

Sl 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

Sl 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: