

(On Company's letter head)

Name of the Instrument / equipment: Tear Strength Tester			
Model No.:		Year Introduced	
Sr. No.	Technical specification / Requirement	Specification of instrument / equipment quoted (to be filled by the bidder)	WHETHER COMPLIANCE (Yes / No)
1	A rigid framework, supporting the pendulum and a fixed jaw, as well as a knife to cut a slit, and a measuring device		
2	A Pendulum, that is free to swing about a horizontal axis on a bearing. The mass of the pendulum shall be alterable by adding masses or by exchanging pendulums.		
3	A mechanical or electronic device for determining the maximum amplitude of the first swing		
4	A movable jaw integral with the pendulum and a fixed jaw integral with the framework. These jaws shall be 3 mm \pm 0.5 mm apart in order to permit the passage of the knife		
5	A sharp knife to begin the tear of the test specimen by cutting a slit of 20 mm \pm 0.5 mm mid-way between the two jaws.		
6	Template for cutting out test specimens, as per of the dimensions shown in figure 1. enclosed		
7	Capacity: 800, 1600, 3200 & 6400 grams adding augment weights for calibration of the equipments		

FORMAT FOR QUOTING THE RATE

1.	Basic cost in INR	
2.	GST @ _____%	
3.	Freight & Installation	
4.	TOTAL COST PER UNIT (inclusive of all)	
5.	Warranty	Minimum one year, if other please specify

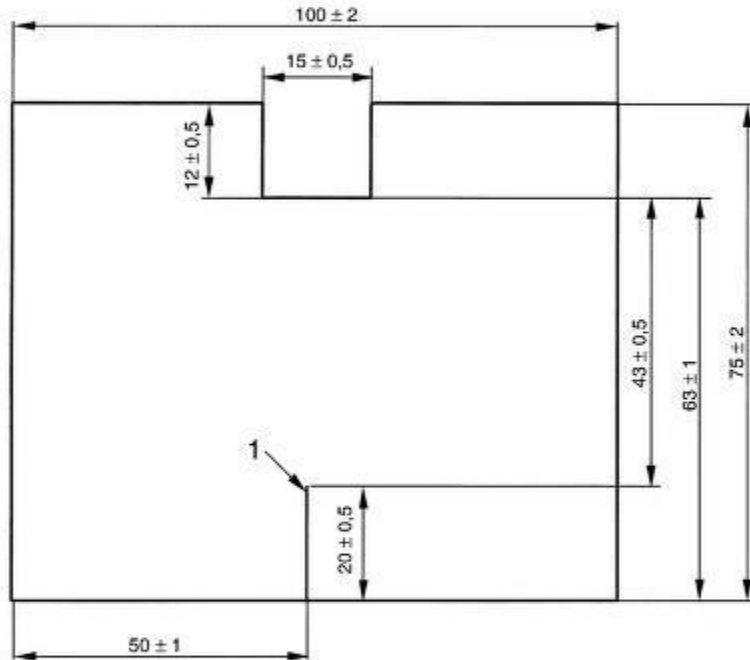
Stamp & Signature
of authorized person

8.2 Shape and dimensions

The test specimen shall be cut out according to the design shown in figure 1.

Slightly different shapes (e.g. with rounded edges, positioning aids for jaw alignment) are acceptable provided the tearing length remains $43 \text{ mm} \pm 0,5 \text{ mm}$.

All dimensions in mm



1 Slit

Figure 1 - Dimensions of test specimen