

ELECTRONIC DRAPE METER BASED ON IMAGE ANALYSIS TECHNIQUE

Drape is the term used to describe the way a fabric hangs under its own weight. It is one of the important characteristics of the fabric which enhances the grace and the appearance of the fabric when put-in for specific purposes. It adds value to the end use. So determination of the drape of fabric with accuracy and speed is an important aspect for the manufacturers to enable them to optimize their processes and finishes.



Laboratories are using conventional Drape meter which has several drawbacks like:

- Slow process and too much dependent on the operator
- The accuracy can get affected if there is small variation in drawing and cutting. This happens quite often.
- The accuracy of weighing can change the result (for 0.1 gm variation the DC can change by 2.5 to 3.0% absolute value)



To overcome these problems and provide accurate & reliable results, NITRA has developed electronic drape tester using image analysis techniques.

Uniqueness of this development is that results will be provided by the software in pdf format. Experimental trails have proven its accuracy at very high level. Human error during measurement is totally avoided.



For further details, please contact:

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