

The development of the digital measure apparatus for shrinkage temperature of leather

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Abstract: On the basis of analysis and research for many years, the new method that the non-contact detection of heat deformation of leather is proposed, and MSW-YD4 apparatus for determination of shrinkage-temperature of leather has been developed successfully. The instrument can efficiently detect four leather samples at the same time, and meanwhile the deformation in the heating process of leather is fully reflected in the form of curve or data sets generated by special software in PC. Generally speaking, the instrument can fully meet the related needs of the production and scientific research in the leather industry.

Key words: leather, shrinkage-temperature, non-contact detection, shrinkage deformation, analysis software