

IGT Testing Systems

Research, development and production of testing equipment for the printing and allied industries

IGT Laray Viscometer



Introduction

The IGT Laray Viscometer is used worldwide for determining the viscosity of a wide range of viscous materials and liquids.

Testing method

The rheological properties of such materials, like printing inks, many with a non-Newtonian behaviour, is accurately determined with the Laray method, whereas the time for a falling rod to travel through a specific orifice over a specific distance is measured and used for calculating its viscosity.

Technical standards ASTM D4040 and ISO 12644 describe this test method and IGT Laray Viscometer meets both.

Equipment

IGT Laray is supplied with a timer and complete set of four measuring rods (glass, plastic, lightweight metal and solid metal) and five augmenting weights (50, 100, 200, 200 and 500 g), enabling tests on a wide range of inks.

Options

Conditioning collar & thermostatic bath for exact control of testing temperature conditions.
Software for calculating viscosity automatically.



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