ICM system is the world first measurement instrument capable of measuring spectral reflectance over the visible spectrum from 400 – 700 nm with a very high accuracy. It measures colours of multi-colour samples ranging from printing fabrics, yarn-dyed fabrics, laces, yarns, threads, to coloured plastics, cosmetics, as well as automotive parts. The colour measurement capability of ICM system can be further extended to any multi-coloured, irregular shaped, extremely small 3-dimensional objects. It completely overcomes the limitation of measuring any multi-colour sample by a spectrophotometer that is the only type of accurate spectral colour measurement device available today.

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Special Features and Advantages
• Non-contact spectral colour measurements towards multi-colour, irregular shaped, and extremely small sized 2- and 3-dimentional objects
• Very high accuracy up to 0.0024 in terms of root-mean-square spectral error, which is also traceable to the National Physical Laboratory of the U.K.

Application
Accurate colour measurement and colour quality control in textile and clothing as well as any colour-related industry for multi-colour, irregular shaped, and extremely small sized 2- and 3-dimentional objects such as printing fabrics, yarn-dyed fabrics, laces, yarns, threads, plastic, food, cosmetics, automotive and electronics parts.

Award
Gold Medal – 41st International Exhibition of Inventions of Geneva, Switzerland (April 2013)