

IR1A Light Measuring System

High Technology

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Introduction

The IR1A measures light transmission through transparent and translucent materials.

During the 1990s new transparent banking cards were introduced. The first cards had problems with these cards not reading and being rejected in ATM machines.

The reason for this was that some cards had been manufactured out of specification to the ISO test on light absorption/opacity. Guarantees could not be given that the new transparent cards would work in the ATMs. No pre-testing of the cards was possible to the full ISO test. There was a risk that cards may fail in ATMs anywhere in the world.

The IR1A light measuring system was made to be able to test in-house before, during and after production of the printed smart cards to ensure they passed the ISO test. Designed for ease of use in production.



High Technology

Light Technology Specialists

We specialise in light technologies including light measuring equipment (IR, UV, visible), light curing coatings, inks, adhesives, lamps and equipment.

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