



Manual Layers Thickness Measurement

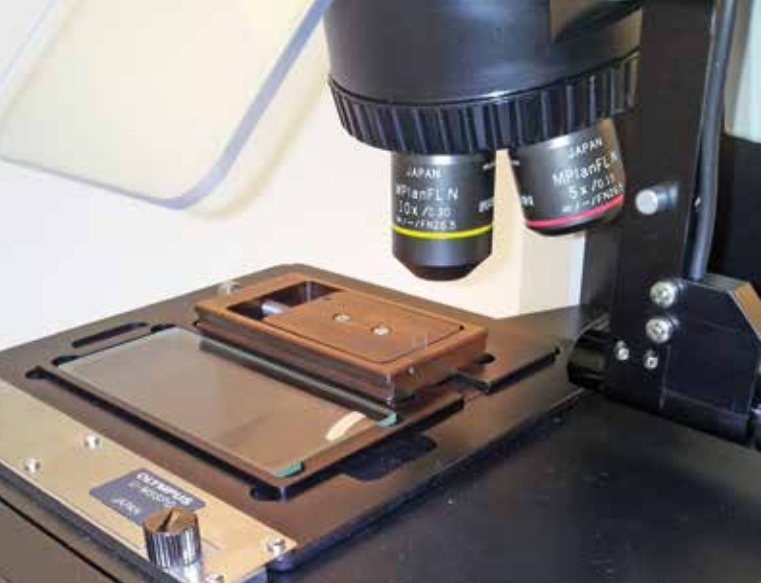
Specially designed microscope and software for layers measurement

Our new system design is based on 30 years' experience in Polycarbonate sheets and multi-layered films/tubes layers measurement. This newly designed, easy to use system, delivers unparalleled image quality and accurate measurements thanks to its three independent illumination types: reflected, transmitted and UV fluorescence. The different illumination enables visualizing all layer types, including the problematic UV polycarbonate cap layer.

The system is supplied with a sample preparation kit according to the products to be tested – sheets, films or tubes, making the sample preparation and measurement procedure quick and safe.



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System Features

- High quality imaging using three illumination systems for maximum accuracy
- Easy to use, yet sophisticated, user interface
- Sample preparation kit is supplied per customer's products type
- UV and reflected illumination are LED based for extended life

Advantages

- Higher product quality
- Lower material consumption
- Long-term production improvement

Specification

Resolution X10 objective	0.51 micron
Resolution X5 objective	1.03 micron
Reflected illumination	White LED
UV illumination	365nm LED
Transmitted illumination	100W halogen
Objectives type	Material Science Plan Fluorite
Sample preparation and measurement tooling	Made from PH-17-4 hardened and grinded stainless steel with linear bearing for precision movement
Calibration gauge	Glass calibration gauge supplied

