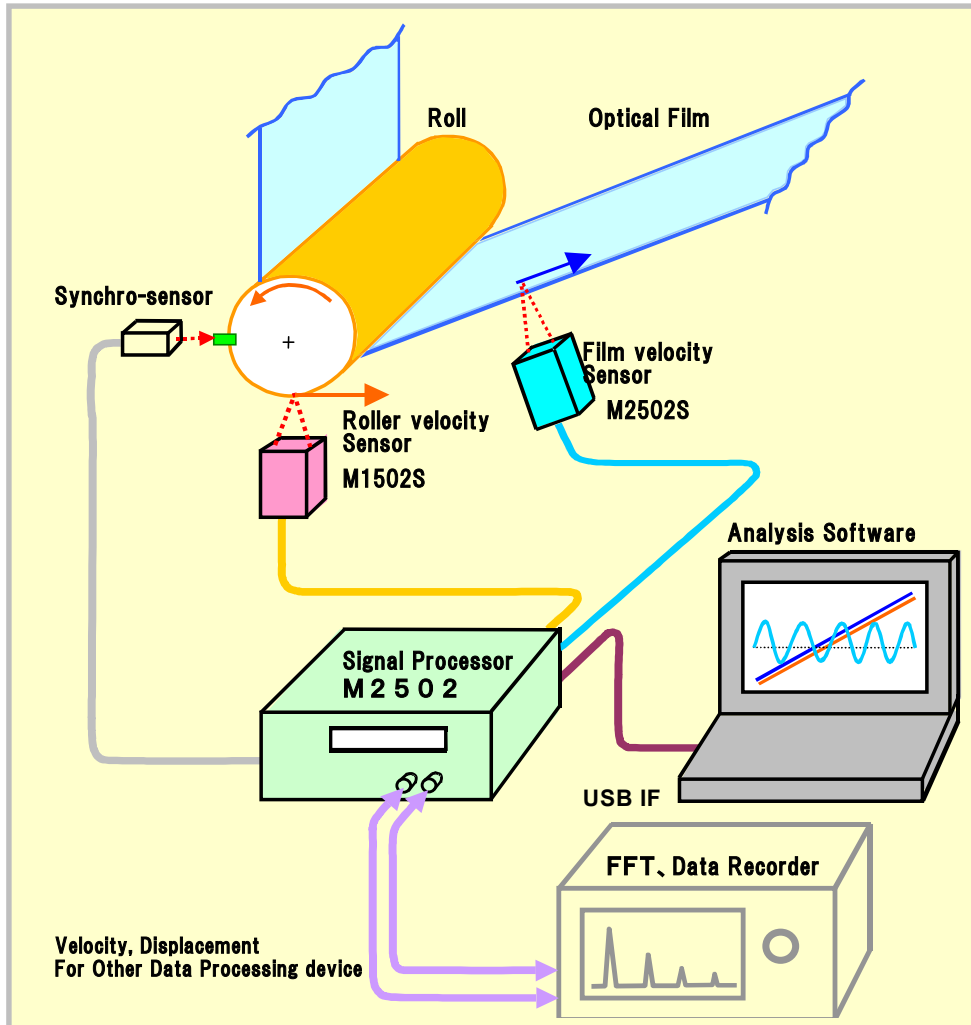


MODEL-2502 Application

Film: Production of Highly-functional Film for LCD panels.



Recently, film industries are focusing their major concern **on optical films for the LCD panel production** applications.

Many different kinds of optical films are required in the production line of LCD panel. Also the films are required to have **excellent optical characteristics** and quality for the field.

In the result, film companies are competing harder with each other to produce the films.

And providing high **quality production** is more important than ever either for film makers or for machinery makers producing equipments of the production line.

MODEL-2502 uses the **optical method** for velocity measurement. This method is **Non-contact measuring** system therefore it is available for measuring soft or delicate material, such as not only **transparency films** but also the **roller which has mirrored surface**.

The measurement result by using this system has **no interference** from colours and any other status on the **surface of the object**.

There is the application of **M2502**; as Slip movement between the roll and the film.

Above schema shows a configuration of the application, which can detect imperceptible value of slip between the roll and the film that is measured by **2-channel M2502** with our analyzing software.

This measuring system can make great help to solve the problem, which relates "wow-flutter" on the rotation of the motor, reduction gear and roller in the production line of the optical films for **LCD applications**.

It is also useful to control the value of the **film thickness** or **coating thickness** in the production line.

And having an analog velocity output, it is capable of connecting a FFT analyzer, data storage systems, or signal processing systems.

In the film production field, our **Non-Contact measuring** system is one of the **best method** for providing **high quality optical films** at this time.