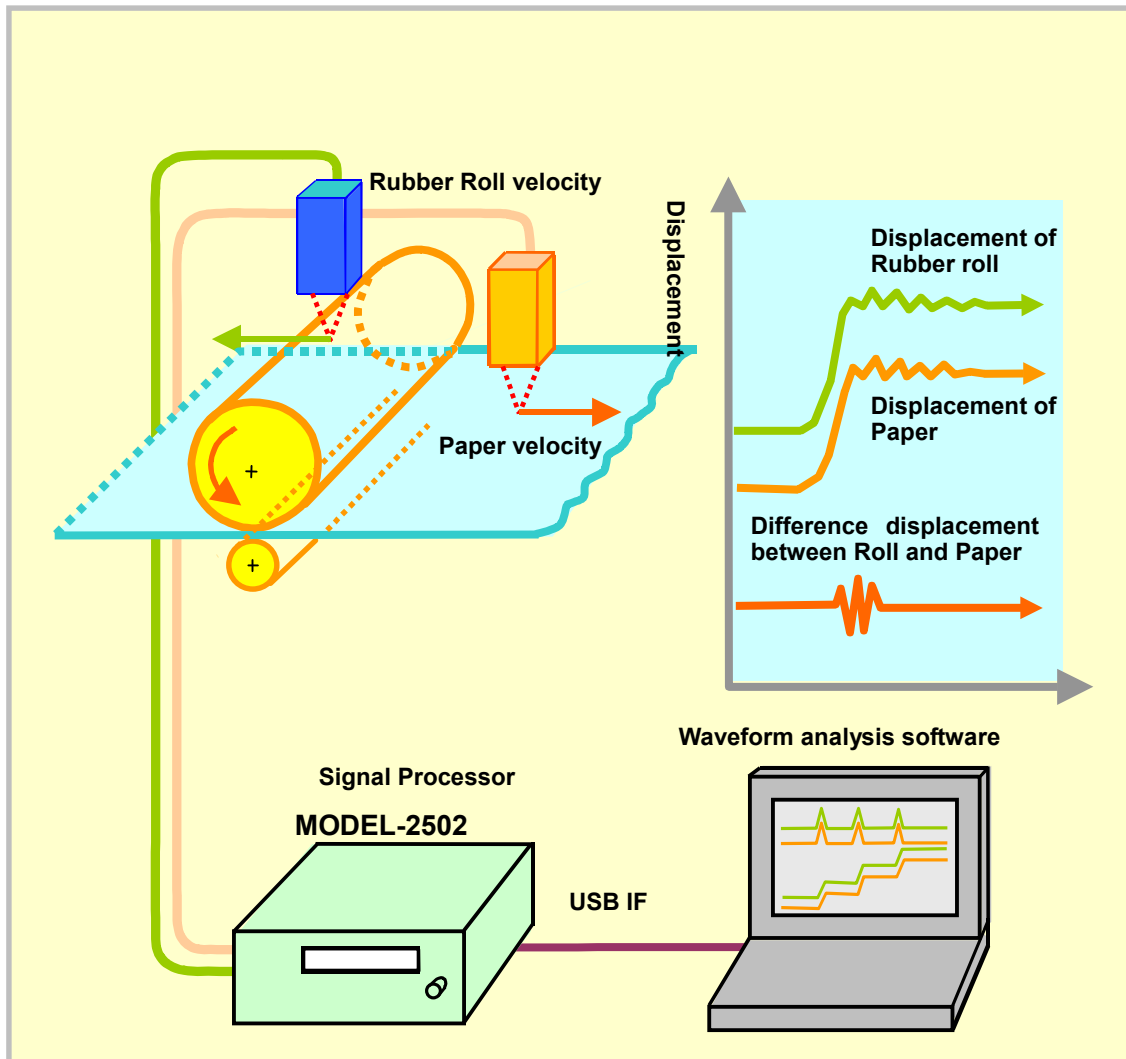


MODEL-2502 Application

Printer: Paper feed measurement of a printer



The application shows **MODEL-2502** is used in developing the **copy machine or the printer**. MODEL-2502 can measure "**Irregularity of the amount of paper feeding**" by the behavior of "**Slipping**" generated between the paper feeding rubber-roller and the paper directly because it has the **calculation function between two channels**.

Behavior of the slipping can be measured by calculating the difference value in velocity or displacement between on the roller surface and the paper at the same time by **using the powerful analysis software**.

The Laser Doppler system uses an optical method for velocity measurement. By using this **Non-Contact measurement**, a sensitive object can be measured such as rubber-roller and paper which has soft and delicate surface.

It becomes possible to do a **quantitative approach** to the improvement of the print quality, the roll material, and the optimization of the surface treatment by doing so.

This method is **easier than "The rotary encoder"** or "With form that prints a special pitch" methods and is more accurate. Moreover, **the evaluator's skill is not required**.

The integrity of data improves by using this device, it **reduces in the measurement-analysing time**, and also the **decrease of the cost** in which an up-to-date development environment is maintained becomes possible.