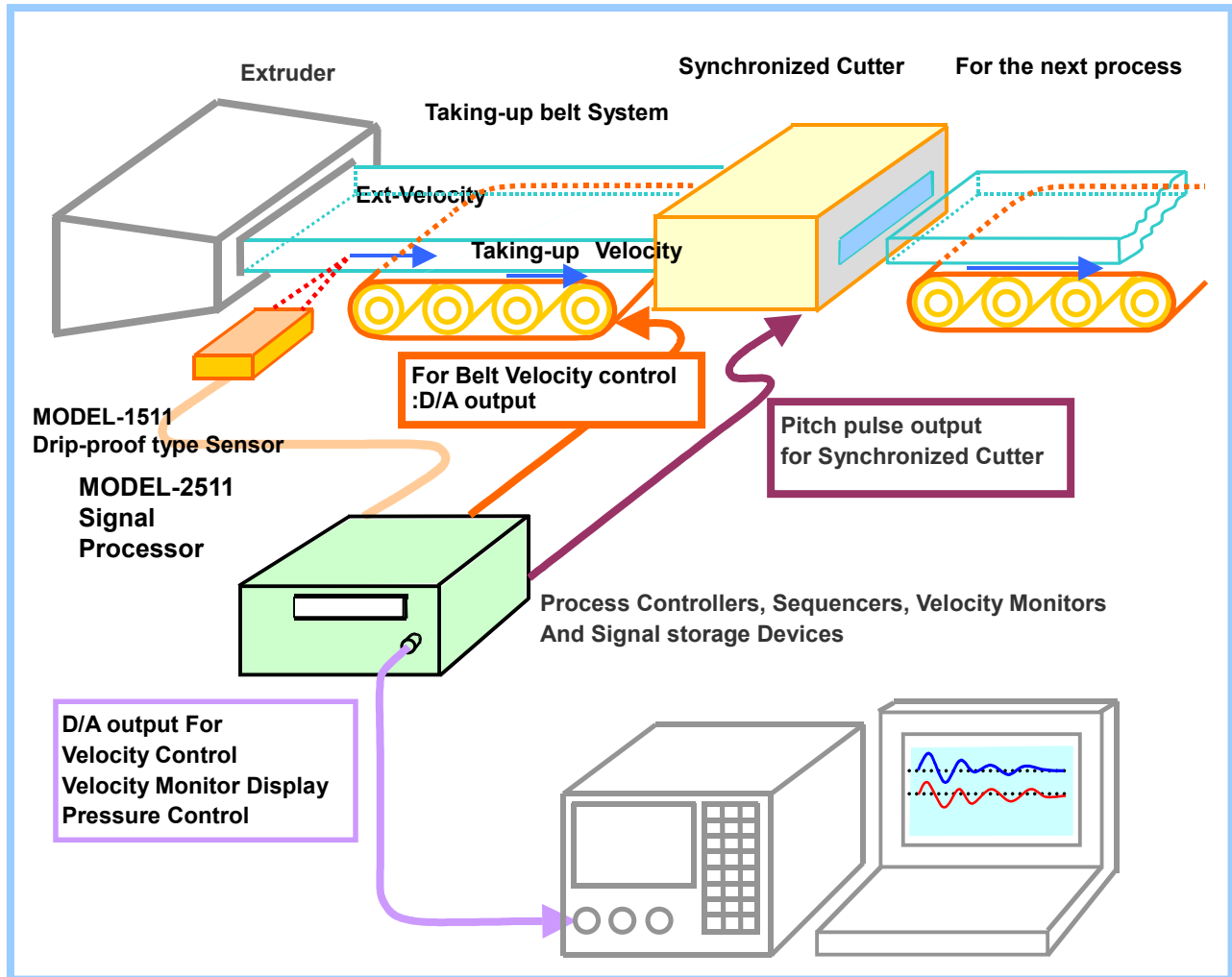


MODEL-2511 Application

Molding: For the extrusion molding machine.



MODEL-2511 is a Laser Doppler Velocity meter that is appropriate for the control field where the **drip-proof type sensor** is assumed to be a feature under the **Non-Contact** condition.

The output has been fully equipped with both of pitch pulse (A/B phases) output that can be used as well as highly accurate speed output (D/A) of the voltage proportional at the velocity and a past rotary encoder.

This output is available for controlling of the taking-up belt system of the **extrusion molding machine** and the synchronized cutter for the fixed scale cutting.

The **Laser Doppler system** uses an optical method for velocity measurement. By using this **Non-Contact** measurement, a sensitive object is also measured such as **soft or delicate surface**.

Moreover our laser sensor **does not get any interference** by colour on the surface of objects, although which is a concern in optical measurement. And also this sensor is available for measurement of irregular surface; depth of field $\pm 8\text{mm}$.

The highly accurate velocity (D/A) is output by a sampling time of 2msec at maximum. Therefore more correct velocity data is obtained with fewer time lags.

And having an analog velocity output, it is capable of connecting an FFT analyzer or waveform analysis system.

In the field of velocity control of **extrusion molding machine**, our **Non-Contact measuring system** is one of **the best method** for providing high quality in this application at this time.