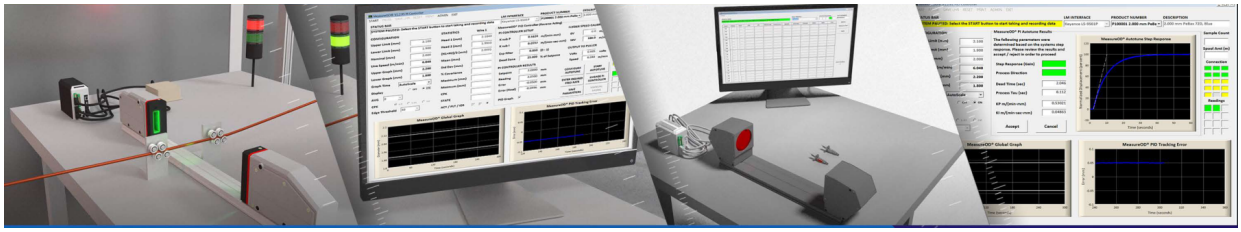
RT AUTOMATION / ROTH TECHNOLOGIES

MeasureOD® PID

PI FEEDBACK CONTROL FOR EXTRUSION

Combine outside diameter measurement with proportional-integral feedback to adjust an extrusion feeder or puller system.



Product and software views from the supplied product brochure

Dual control outputs

The RTA-550 hardware provides two 0–10 V outputs for interfacing to the extrusion line.

Controller setup and filtering

Includes a tunable cubic dead-zone algorithm and exponential filtering of the measurement input.

Automatic PI tuning

Tune the controller from an open-loop step response, with support for direct-acting and reverse-acting systems.

Measurement and reporting

View global and local trends and statistics, export measurements to Excel, and use Imperial or metric units.

Windows 10 and Windows 11

Designed for Keyence LS-9501P controllers with supported single- and dual-axis LS-9XXX heads.

Discuss your measurement application

Contact us about compatibility with other measurement hardware.

sales@mcerberus.com

www.extrusionpid.com

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