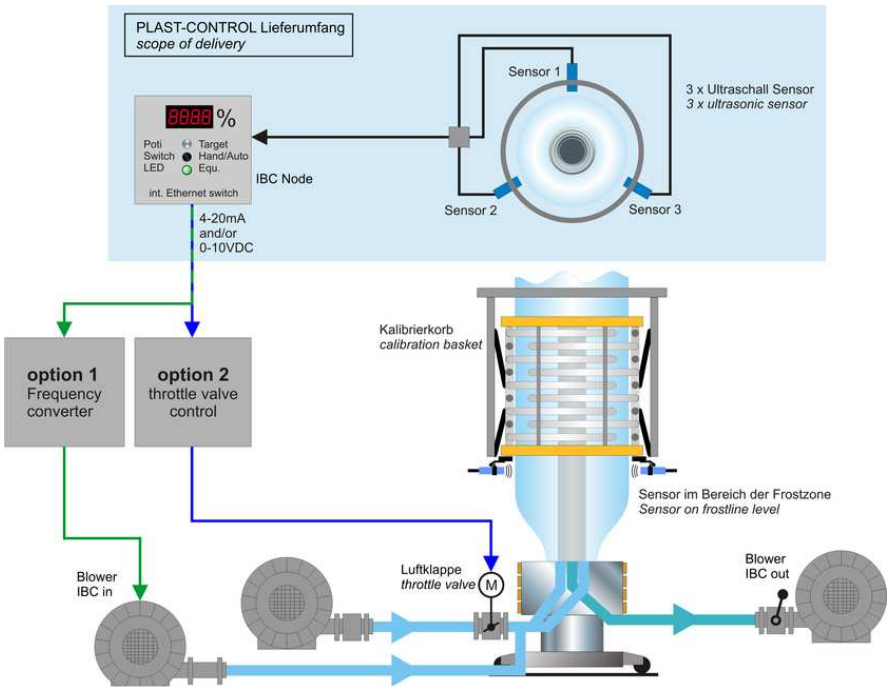
K 2010 – Product Overview

PLASTCONTROL

IBC Control

Non-Contact IBC Control



Advanced Non-Contact IBC Control System

Accurate and consistent control of bubble diameter for the machines complete B.U.R. is important for the quality of the film and production efficiency. Our IBC control system is designed to be retrofitted on to existing machines. Utilizing advanced software and multiple non-contact ultrasonic sensors the system will calculate bubble diameter to within precise tolerances.

Sensors can be mounted on the fixed part of the calibration basket or on the moving arms. Each application needs to be reviewed for best placement based on the existing hardware and final goal of the customer.

Operator adjustable position to the rollers from no contact to strong contact or any position in between.

The IBC control system can be supplied either as stand-alone version or fully integrated into PLAST-CONTROL extrusion control system range.

The bubble adjustment can be either realized by a change of blower speed or a valve. The new PLAST-CONTROL STV is a fast reacting valve driven by a stepper motor which receives set point information by software. This "fly by wire" principle has virtually no limit in resolution with no back lash as associated with other forms of control.

POINTS OF INTEREST

- **Non-contact bubble measurement system**
- **High speed ultrasonic sensors (1/3/4 configuration)**
- **Rugged construction with long service life**
- **Fully adjustable to suit a broad range of operating conditions**
- **Enhanced control of the bubble diameter**
- **Optional layflat width scanner for width measurement**
- **Stand alone or fully integrated versions**

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