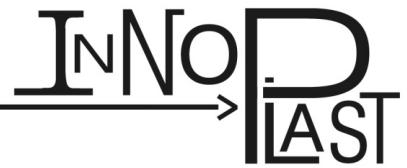


FW 1000



The **FW 1000** is an online film width measuring and regulation system for blown film extrusion and is an integrated accessory of VIP systems.

Function

The flat film tube is lead over a frame with two measuring sides. The film's surface will not be affected by the measuring. Each measuring side contains an IR sensor which follows the film's edge. By detecting the correct position of the edge, the film width is recomputed on a cyclic basis.

During automatic operation, the differences to the given target are causing changes to the settings of the actuators. The width is changed by either influencing the diameter of the calibration basket or by controlling the air regulator.

FW 1000 can be supplied with or without regulation.

Benefits

- Independent width measuring and regulating system
- Connection to gravimetric throughput measuring and regulating system
- Measurable width of lay-flat film according to customer requirements 300 – 3600 mm with 1400 mm measuring area
- Remote controlled actuators on rotating systems
- Constant film width
- Improved film thickness in combination with running meter control
- Cost savings as a result of less waste
- The IR sensors measure regardless of the transparency and colour of the film
- Can be used in all film tube units



FW 1000

INNO → PLAST

Equipment supplied:

- FW1000 measure module with 2 integrated moving infrared sensors
- Standard INNO-PLAST software for measurement of film width in mm
- In machines with IBC, the width can be controlled by changing the diameter of the calibration basket (optional).
- In machines without IBC, the width can be controlled by using an INNO-PLAST air regulator.
- The system is also useable on rotating dies. The signal for air in/out is transferred on the rotating platforms via radio (optional).



Technical specification:

Electricity supply	24 V DC / 3 A
Measuring area	from minimal 300 mm up to maximal 3600 mm, depending on size
Measuring range	1400 mm
Resolution	1 mm
Measure rate	Adjustable, typically six second intervals
Signal outputs	Potential-free adjustment contacts

What can we do for you? Get in touch today!

Inno-Plast GmbH
Mertensstr. 127-131
D-13587 Berlin

Tel. +49(30)3675 9580
Fax. +49(30)3675 9589
<http://www.inno-plast.de>
info@inno-plast.de

