



**easymex**

## Capacitive Gauging System for Blown Film Lines

**EASYMEX-CF** is a contact thickness gauging system for blown film lines.

It provides a continuous thickness measurement around the bubble and it is installed directly on the collapsing frames of the oscillating haul off units.

It represents the best solution where there is no space for rotative sensor machines like SKYMEX.



### PRINCIPLE OF OPERATION

EASYMEX-CF is based on capacitive technology. Dielectric characteristics of the film that is in contact with the sensor, produce a variation of the signal proportional to the film thickness.

### MAIN FEATURES

#### PNEUMATIC POSITIONING SYSTEM

Easymex-CF is equipped with a pneumatic positioning system to position the sensor in contact with the film.

#### PROFILE

Easymex-CF provides a bubble profile every haul-off oscillation.

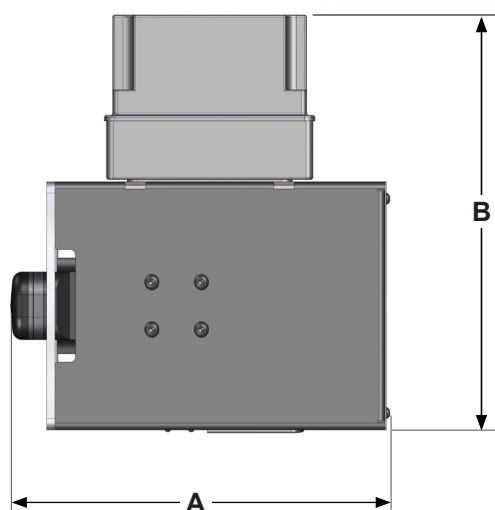
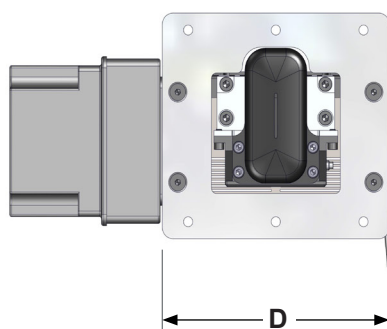
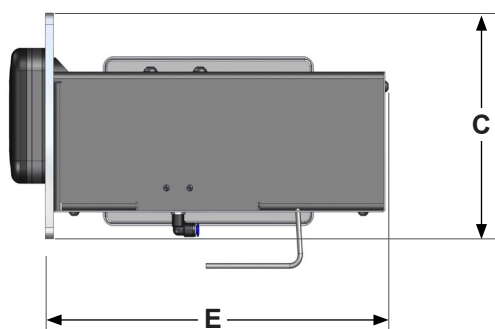
#### CONTROL AND SUPERVISION

Easymex-CF if connected directly to SYNTROL supervisory system along with TYPHOON or FLYER air ring provides auto profile control.

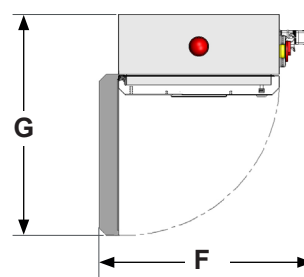
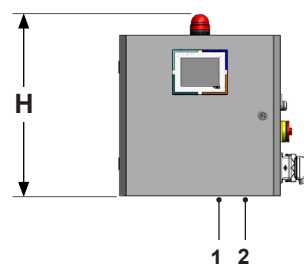
#### INDUSTRY 4.0 & IoT

Easymex-CF is equipped with PLC integrated with OPC-UA protocol for industry 4.0.

## TECHNICAL DATA



Control box



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Peso (kg)
<b>EASYMEX 500</b>	365	368	200	220	329	660	685	565	13
1_ Communication interface; 2_ Power supply;									