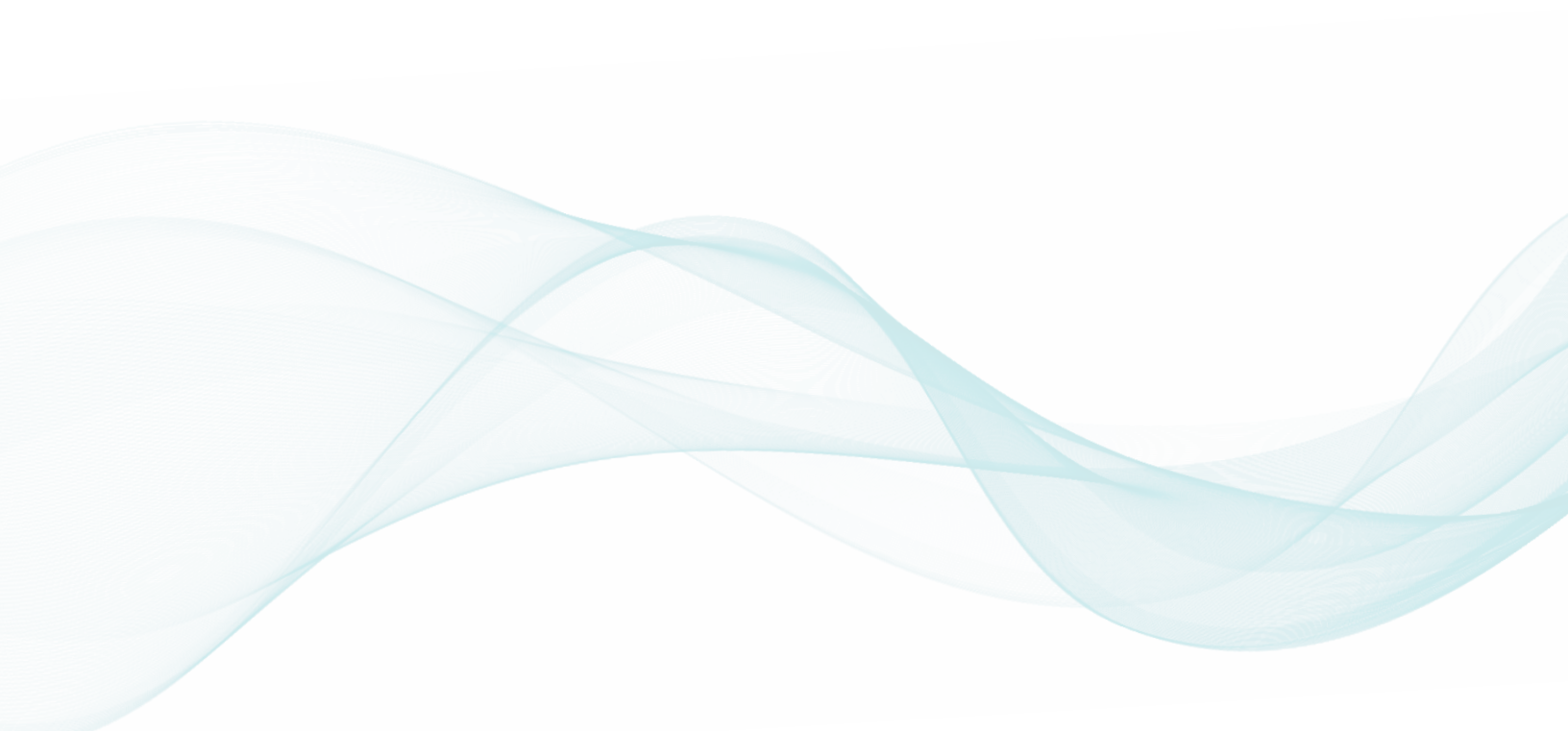
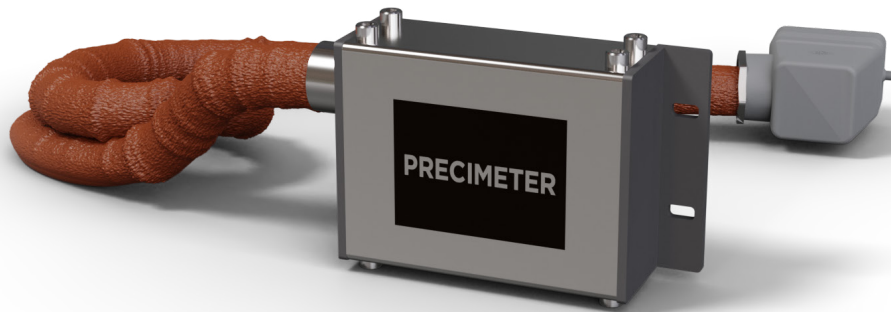


PRECIMETER

Molten metal level control

TAFB – Tilt Angle Feedback





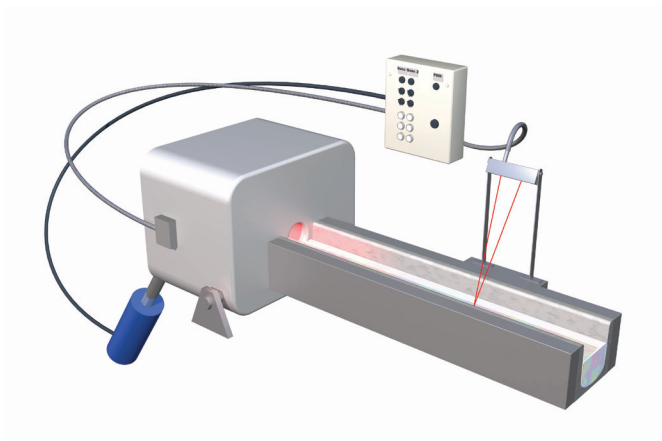
TAFB – Tilt Angle Feedback

The Tilt Angle Feedback (TAFB) is designed for use in control of a tilting furnace whenever feedback of the tilt angle is needed. The sensor is specifically engineered for use in foundries for tilt angle feedback on furnaces, ladles,

launders etc in conjunction with other Precimeter equipment for metal level control. The TAFB is a 1-dimensional $\pm 45^\circ$ tilt angle sensor.

ADVANTAGES

- ✓ Tilting feedback of your furnace
- ✓ Compact design
- ✓ Easy installation
- ✓ Maintenance free



Technical Specifications

Measurement axes	1 axis	Characteristics:	
Measurement ranges	$\pm 45^\circ$	Interface current loop	4-20 mA
Resolution (at zero point)	0.05°		
Calibration accuracy (at 25° C)	300x150x80 mm (11.8"x5.9"x3.2")	Electrical Parameters:	
Nonlinearity (sine)	Max. $\pm 0.3^\circ$	Supply voltage	15 V DC to 30 V DC
Temperature coefficient (zero point)	± 0.009 °/K	Current consumption	< 25 mA
Critical frequency typ	18 Hz		
Operating temperature	Up to +80 °C	Mechanical Parameters:	
		Degree of protection	IP65/67
		Shock survival Max	3500 g