

PRECIMETER

Molten Metal Level Control

RP

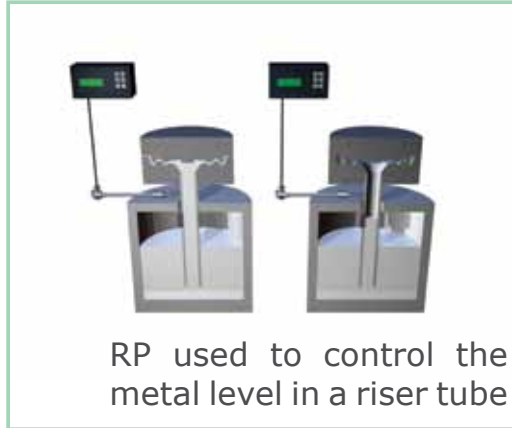
- Ring Probe



The implementation of Precimeter Technology provides many advantages

- Quality improvements
- Increased productivity
- Documentation of the process
- Raw material savings
- Energy savings
- Better use of manpower

RP



Precimeter measuring systems - withstanding over 800°C; suitable for aluminium, magnesium, lead, tin and zinc. Other materials are available on request.

Our level measuring systems are used to regulate, control or measure filling levels in melt and holding furnaces, intermediate vessels, channels and launders. The RP is suitable to control the metal level in a riser tube.

Principle

The ring probe was developed to measure the metal inside a ceramic riser tube in low-pressure casting systems. The ring probe is pushed over the tubing, so that the injection process can be started with rising metal from a preadjusted reference point.

During the casting process, the metal rises in a tube into the ring probe area. The casting process can be started from a preadjusted reference point.

To influence the process of low pressure pouring, a ring probe was designed by Precimeter. The Ring probe is positioned over the riser tube, so that during an increase in pressure the rising metal reaches the area of the ring probe at a pre-programmed point of reference. This point is used for the start of the casting process.

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