

PRECIMETER

Molten metal level control

PLP – Proximity Level Probe



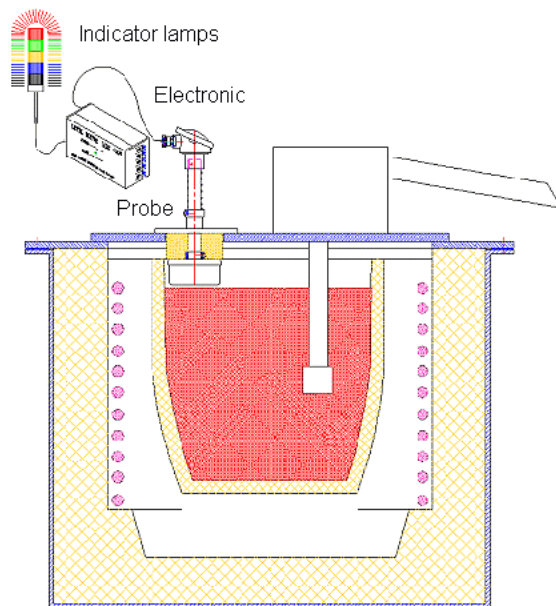


PLP – Proximity Level Probe

Precimeter non contact measuring systems

– withstanding over 800°C; suitable for aluminium, magnesium, lead, tin, zinc. Other materials are available on request.

Our non contact level measuring systems are used to regulate, control or measure filling levels in melt and holding furnaces, intermediate vessels, channels and launders. The PLP is a non contact probe suitable for several different applications.



PLP non contact probe used to control the maximum level in a LPDC furnace.

Principle

This non contact measuring probe is made for smaller measuring ranges. The measuring range depends on the diameter of the probe. For the standard probe with a probe diameter of 115 mm, a measuring range of 100 mm is achieved.

A major advantage is remote operation in relation to the melt. The probe should not come into direct

contact with liquid metal. For extreme applications in which heavy splashing cannot be ruled out, the probe should be protected with a monolite protection hood.

The probes can withstand up to 800°C and can also be used in closed systems without forced air cooling.