

Measure the Level and Temperature



The implementation of Precimeter Technology provides many advantages

- Level and temperature measurements in one point
- Quality improvements
- Increased productivity
- Documentation of the process
- Raw material savings
- Energy savings

CLPT Continuous Level Probe



Precimeter measuring systems - withstanding over 800°C; suitable for aluminum, magnesium, lead, tin and zinc. The CLPT is fitted with a PT100 Temp Probe. It is suitable to measure temperatures up to 800°C with an accuracy of ± 1.5 °C. Ideal to replace existing temperature probes and get the level measurement integrated in the same unit.

Our level measuring systems are used to regulate, control or measure filling levels in melt and holding furnaces, intermediate vessels, channels and launders. The CLPT is a submersible probe suitable for furnace level and temperature measurements.

Principle

The submersible CLPT from Precimeter is a high tech product. It works in the submerged condition with an appropriate protective tube at a melt temperature of over 800°C and can therefore also be used in closed systems without forced air cooling. The CLPT is a system that directly registers the exact level and temperature in the molten metal through a protective tube.



With an airtight adapter available from Precimeter the probes can also be used in closed systems with low pressure castings. Only the best quality materials are used combined with a good quality assurance system. Each probe is tested before delivery and the results are documented.

Standard lengths are up to a meter. Longer lengths are possible. With a gas tight dosing furnace, the furnace level can be monitored by a submerged probe combined with the appropriate electronics with programmed limit values from Precimeter.

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