

Glass Level System

The Glass Level Sensor provides highly accurate glass level measurements from reliable, design-simplified and cost-effective equipment. Accessible components and basic design simplicity result in easy operation; self-lubricating fittings and durable, high temperature construction reduce maintenance downtime.

Probe:

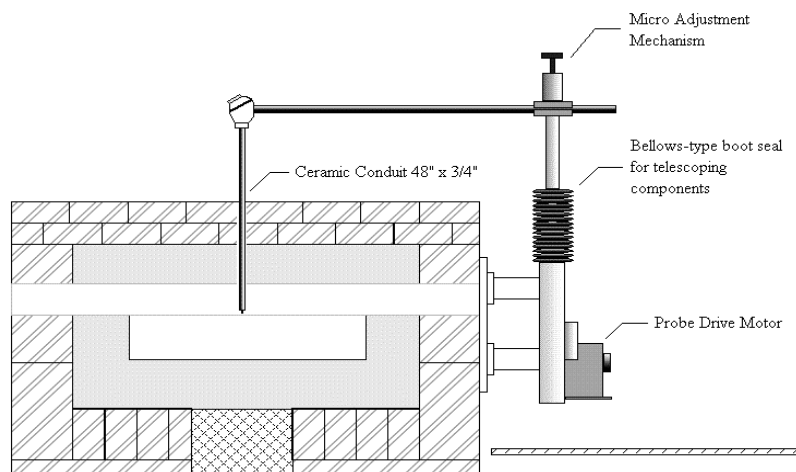
Platinum probe tip.
Ceramic protection tube.

Probe Mechanism:

Micro adjustment mechanism enables adjustment to 0.25mm during operation.

Resolution:

Resolution specifications based on 12-bit A/D conversion. Usable resolution depends on choice of position feedback device (solid-state 4-20 milliamp sensor or wire-wound slidewire), stability of mounting, and length of probe mounting arm.



Typical Control Range: +/-25 mm

Control depends on furnace type, location of glass level sensor, stability of furnace pressure, and accuracy of level control tuning +/-0.25mm observed.

Output Signal:

Linear with position based on 0~5 Volt supply (0 ~ 10000 slidewire).

Ambient Temperature:

50° C Normal, 70° C Peak

Dimensional Information:

Height - 1.73 meters. Shipping Weight - 180 kg. Power Requirements - 120 Volts 50/60 Hz (220 Volts available)