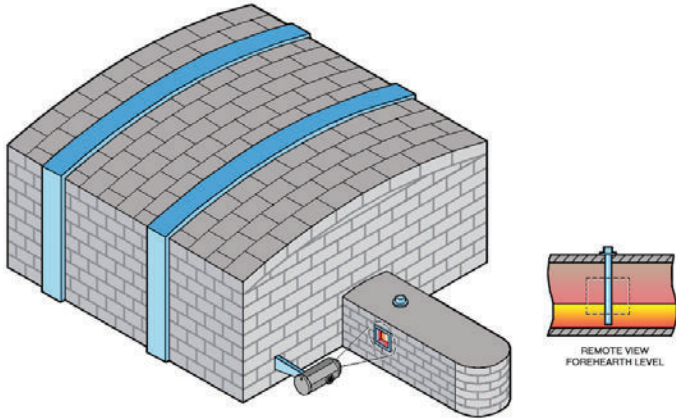


CANTY

PROCESS TECHNOLOGY

GLASS APPLICATIONS

CANTY MOLTEN LEVEL

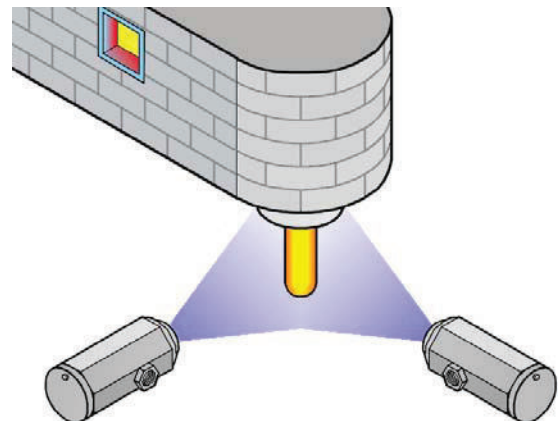


The Canty Molten Glass Level System is a non contact approach which allows for visual verification.

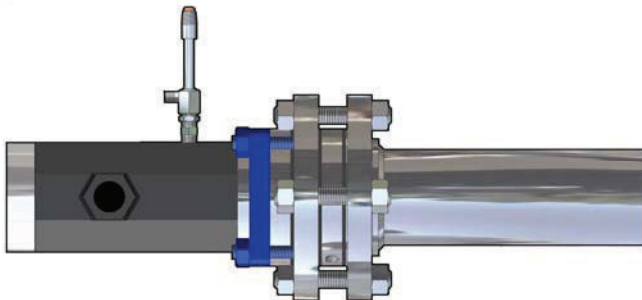
The complete Canty Vision System Consists of a Canty Vector System and Canty Cameras. The Canty Camera utilizes a high quality CCD or Ethernet camera and has a rugged industrial design which includes a Canty Fuseview threaded front cap. The Canty Vector System performs the analysis and can output a 4-20mA signal for full process control.

CANTY GLASS GOB ANALYSIS

The Canty Vision System is positioned on a glass bottle production line to monitor and control the glass gob volume and temperature. A glass gob is a still drop of molten glass formed by cutting a stream of glass as it flows from the forehearth (shown in figure above) through a feeder of variable diameters. These gobs free fall into molds and create glass bottles. The volume and temperature of the gobs are critical to quality control and with the Canty Glass Gob analysis system all of these parameters can be controlled.



CANTY HIGH TEMP. INSERTION CAMERA



Canty High Temperature insertion cameras are ideal for demanding applications such as glass furnaces involving visual inspection or verification in extreme temperature environments. The unit features a fused glass seal as standard with every model. This unique seal provides an impenetrable safety barrier to protect the camera electronics from the harsh process environment and preventing hazardous vapors from escaping into your plant.

The unit **does not** require water to keep the lenses cool. A positive air flow is required for lens cooling and for maintenance purposes only - to keep dust and soot from accumulating on the lens. **In fact, loss of air for up to 8 hours will not destroy our camera!**

CANTY

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