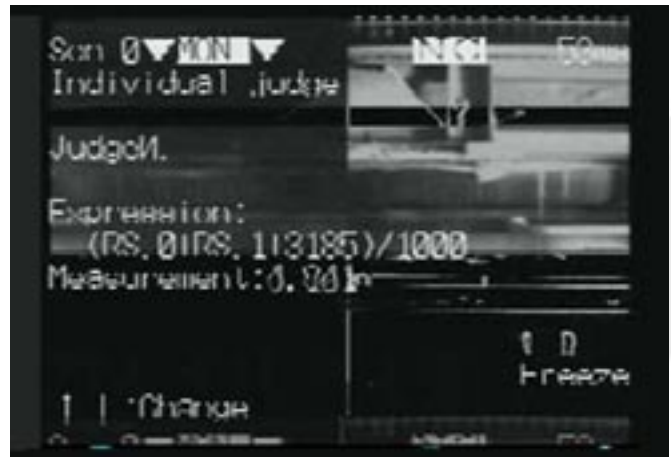
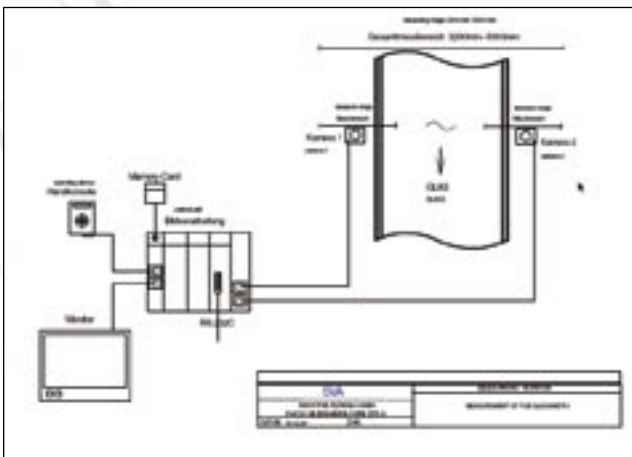


MEASUREMENT OF THE GLASSWIDTH

For producing high quality of float glass and for reducing the reject rate it is very important to monitor the glass width. Our systems makes you able to measure the glass width between exit end and recooling chamber. Because of the extreme temperature even in this area you are forced to use special cameras with permanent water cooling.



The SVA system is able to measure the width of the glass in a range between 3200mm and 5200mm. The range can be changed by changing the position of the cameras and changing the parameters in the control unit. The precision depends on the measuring range of the cameras (in the case mentioned above it is +/- 5mm). The speed of the Glass has no effect on the measuring result. You can see the construction of our system in the drawing above.

The two cameras are connected with each user through a control unit. This control unit transfers the signal from the cameras into the dimension figure and calculates the width of the glass this way. This transferred signal will be send to the control room and shown on the monitor. The system will be programmed by an operating device throw an easy monitor menu. The RS 232C out can be used for executing the alarm and the control signal.

- This equipment can be used between exit end and recooling chamber

Specification

Ambient temperature:	800°C max
Voltage:	230 V
Pressure of the air for cabel cooling:	4 bar
Water consumption:	300 l/h