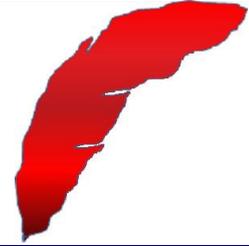


ITV System for monitoring
Glass Melting Furnace

Light
Weight

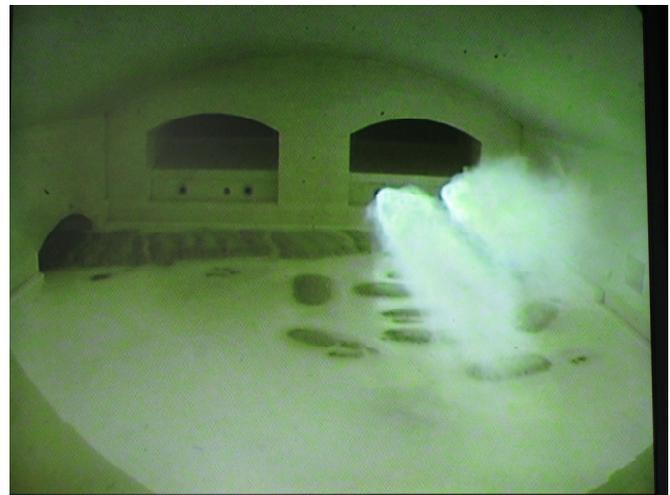
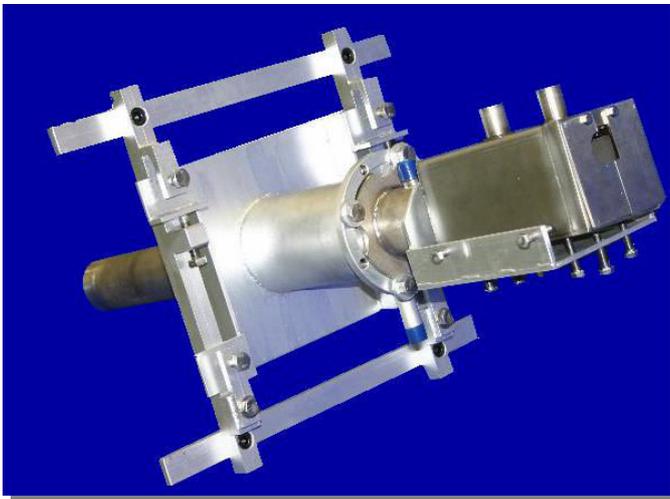
Phoenix Eye



“Phoenix Eye” is a monitoring system for Glass Melting Furnace. “Phoenix Eye” is specially designed for its severe environment and high temperature. It provides a clear and stable image of burner frames, surface condition of molten glass and refractory, which gives important and useful information to operators and engineers.

Features

- High Resolution···CCD camera and relay lens with wide view and deep focus provide clear image of furnace.
- Light Weight···Total weight is approx. 20kg including water cylinder and camera case excluding water.
- Easy Maintenance···Quick and easy dismantling of camera and lens.



**Glass Furnace Monitoring System
FW9100 (Fixed mount type)**

Imaging device	1/3 Interline Transfer
Angle of view	Approx. 60deg.
Furnace temperature	1700°C or less
Allowed temp. of Lens and Camera	50°C or less
Power supply of Camera	From Camera Controller through coaxial multi-transmission cable.
Power of Camera Controller	AC100V 50/60Hz 60VA
Cooling water	Purified and soft water 200kPa or more, Temperature: less than 40°C at the exit, Lens jacket: 20-30L/min., Camera case:10-20L/min..
Purge air	Dry and oil free compressed air 100-300kPa, A-side: 30-60L/min. B-side: 50-90L/min.
Connection of cooling water	Inlet: 15A×2, Outlet: 15A×2, Metal flexible hoses of 4m are attached.
Connection of purge air	10A×2, Metal flexible hoses of 4m are attached.

Automatic pulling out device is available (Option)



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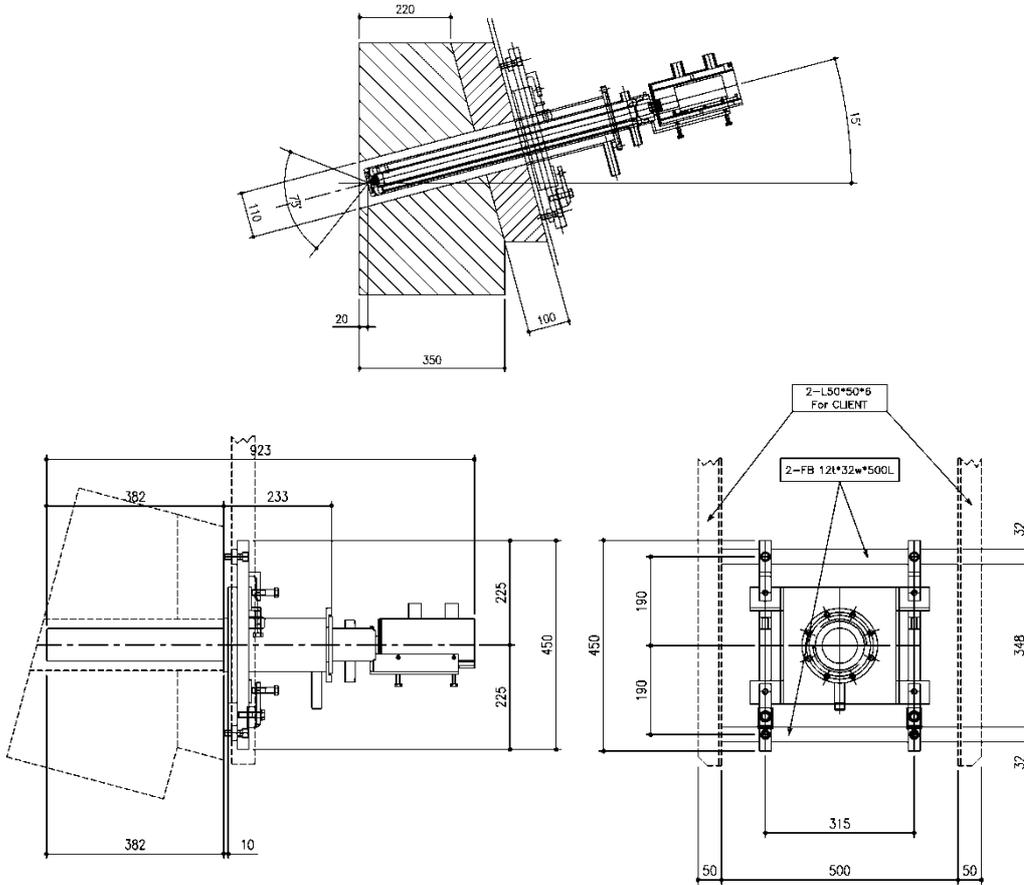
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1. Dimensions



2. Connection Diagram

