


Solution of Safety Management Equipment for Paint Drying Furnaces

Riken Keiki proposes safety equipment that assesses the calorific value of supply gas and checks for leaks of LPG/LNG in paint drying furnaces. The installation example shown below is provided for illustrative purposes. Please contact us for more information.

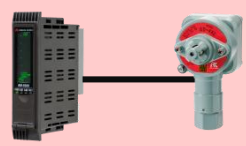
Example of installation

To check calorific value (MJ) of supply gas !

Explosion-proof Calorimeter
Model : OHC-800




To detect burner leaks ! (LPG/LNG)



Indicator / Alarm unit
Model : GP-5001

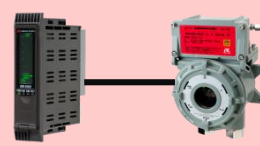
Fixed Combustible / Toxic Gas Detector Head
Model : GD-A80 Series

For IN side measurement before waste gas combustion treatment !



Optical Interferometric Gas Monitor
Model : FI-900

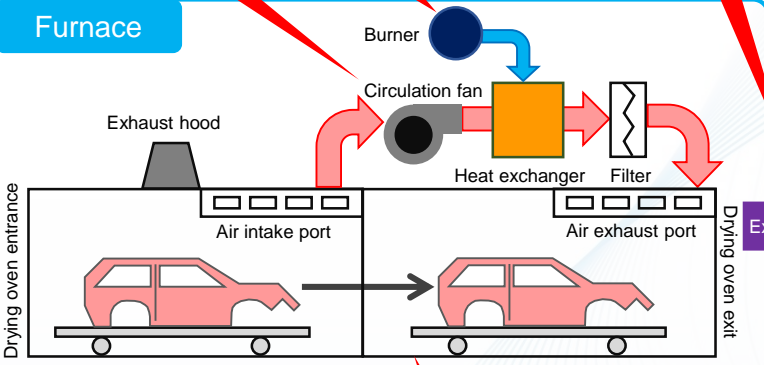
For OUT side measurement after waste gas combustion treatment !



Indicator / Alarm unit
Model : GP-5001

Combustible Toxic Gas Detector Head
Model : GD-D58 / AC / GH

Furnace



Exhaust hood

Burner

Circulation fan

Heat exchanger

Filter

Drying oven entrance

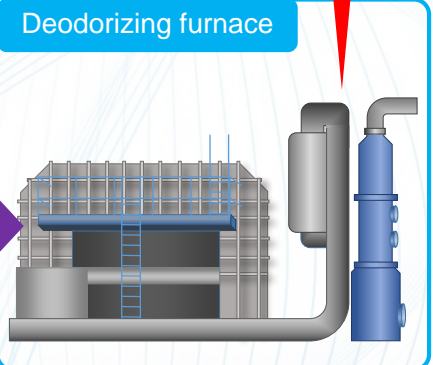
Air intake port

Air exhaust port


Drying oven exit

Exhaust


Deodorizing furnace



To detect unburnt gas in drying oven ! (LPG/LNG)



Combustible Gas Detection Alarm System
Model : GP-147




Fixed Combustible/ Toxic Gas Detector Head
Model : GD-A80DS

* The red part is blue in the model : GD-A80DS.


Personal protection for workers !

Portable Gas Monitor
Model : GX-3R



For environment safety confirmation !

Portable Multi Gas Monitor
Model : GX-6000



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