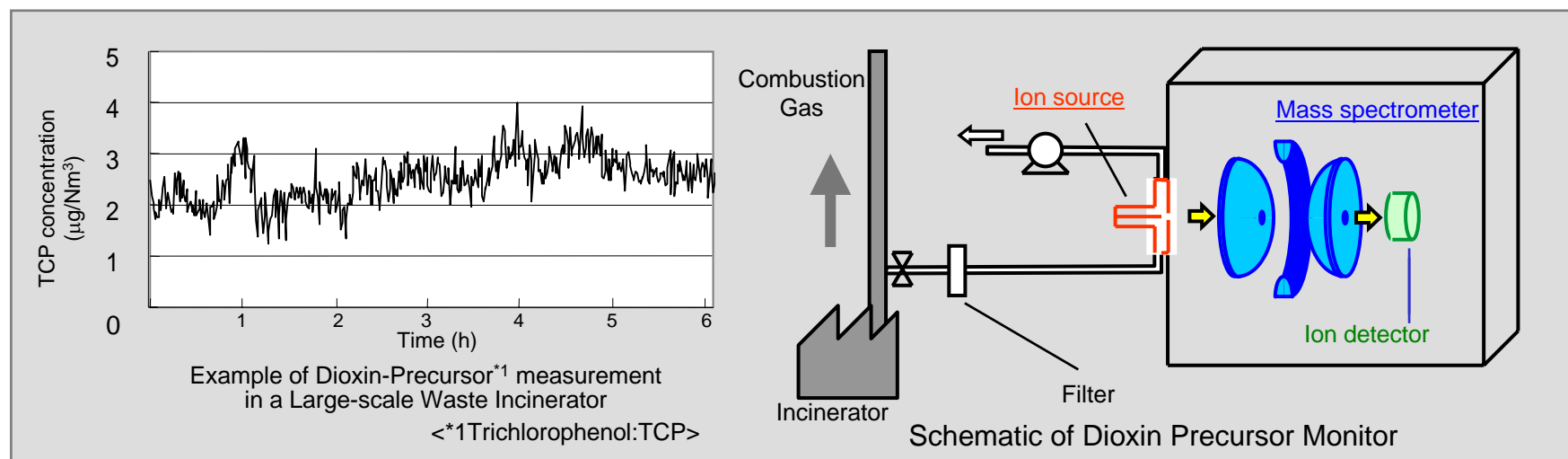


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## Significant Cost Reduction in Dioxin-Suppression Systems Using Complete Combustion Catalyst

- Incinerator dioxin emission constantly maintained below restriction levels by use of Dioxin Precursor Monitor



Toda Kogyo Corp., in cooperation with the Hitachi Central Research Laboratory, has shown for the first time that it is possible to economically and continuously suppress dioxin emission to less than 1 ng-TEQ/Nm<sup>3</sup> from large-scale waste incinerators, by the combined use of a complete waste-combustion catalyst and a dioxin precursor monitor. This was realized firstly, by improving the performance of the catalyst to promote complete combustion, and secondly, by using the dioxin precursor monitor to measure in real-time the relationship between the rate of catalyst injection and the level of dioxin suppression.