Laboratory waste gas treatment system

Laboratory exhaust gas treatment system

During experimental work, a large amount of toxic and harmful gases (mainly divided into inorganic and organic exhaust gases) may be generated, which significantly endangers the health of workers and pollutes the environment. Therefore, the exhaust gas generated during experiments must be treated to meet standards before being discharged.

In the exhaust gas treatment process, the exhaust gas generated in the laboratory is separated into inorganic and organic gases, which then enter the treatment device through an exhaust system.

1. Inorganic gases are treated through a sprinkler tower. The exhaust gas is sufficiently contacted and absorbed by the absorbing liquid sprayed from the top of the tower, and is discharged after reaching the standard.
2. Organic gases are treated in an activated carbon adsorption tower. The exhaust gas is sufficiently contacted and adsorbed by the activated carbon in the adsorption tower, and is discharged after reaching the standard.

Dry exhaust gas purification tower

Wet exhaust gas purification tower