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The invention refers to the mechanical engineering, namely, to devices for catalytic treatment of gaseous effluents for purification and neutralization thereof, and may be used in the automobile transport and heat power installations.

The device consists of a cylindrical body with inlet and outlet gas pipe branches and of a catalyst, situated into the body. The catalyst is made of Z-shaped wire members, the surface of which is covered with an active metal stratum by electrochemical deposition, the ends of the wire members are consecutively situated in the form of a spiral with the possibility of expansion and rigidly fixed on the internal surface of the cylindrical body along full length thereof.

The result consists in simplification of the device structure, reducing the hydraulic resistance, increasing the effectiveness of gaseous effluents purification and neutralization.