

Annotation. Despite the limited amount of experimental data on the use of microfakel combustion in GTE, many authors state the following positive qualities of this method: loss of gas pressure, reduction of the size of structures, reduction of unevenness of the temperature field of flue gases from the combustion chamber, low output of oxides with combustion products, low radiation losses.

Although the technology of microfakel combustion has been known since the mid-twentieth century, the method itself has begun to attract attention relatively recently. Currently, there are several main methods of microfakel combustion, but all have one thing in common-it is "smearing" the torch along the front and volume of Gorenje. Here the importance for modern combustion chamber design has microfocusing device.