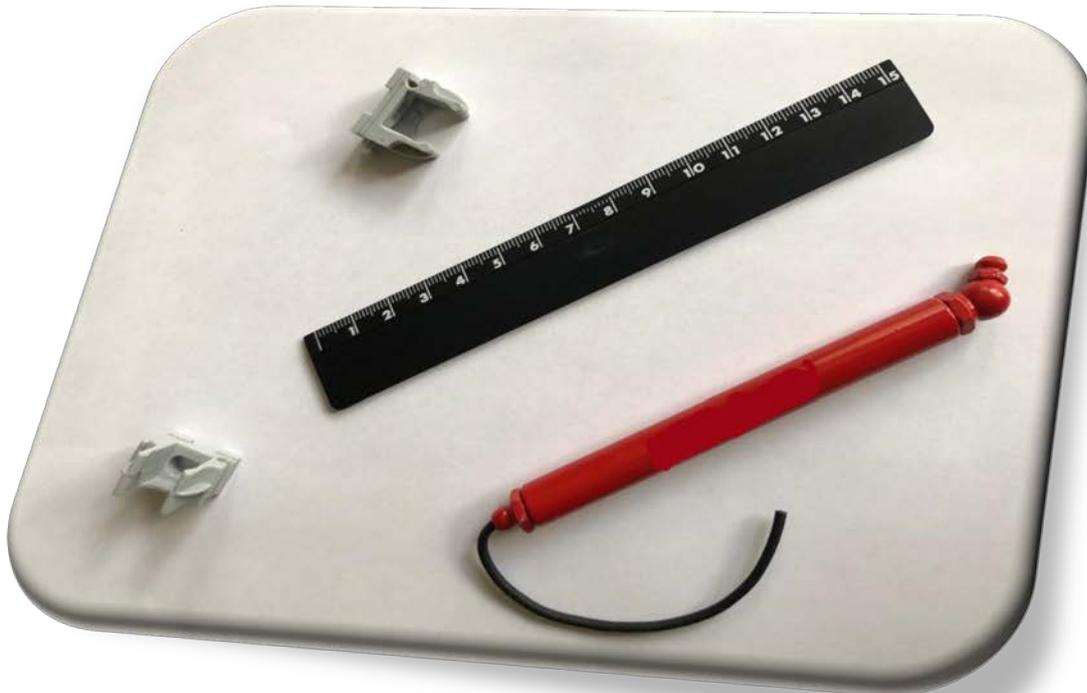




NEW TECHNOLOGY AEROSOL PRODUCTION



It is a known fact that all global companies that produce aerosol, such as STAT-X, Pyrogen, or FirePro, use Russian technologies of aerosol fire-extinguishing that were created over 35 years ago. These companies can update only the generator housing but they are unable of updating aerosol production technology because technological experiments and updating of aerosol fuel production technologies with using different polymers require profound technical knowledge and a developed production base with modern equipment.

Nowadays, only our company and our partners possess all the required recourses.

Two months ago we created and two weeks ago conducted a successful testing of a new technology of aerosol fuel production. As a result, we created universal aerosol generators that are:

1. Three times smaller in their weight and dimensions;
2. Twice as efficient;
3. Absolutely secure to use and not harmful for delicate computing devices;
4. Twice less expensive.

For example, any old-method aerosol generator for electrical cabinets contains at least 30 grams of low-efficient aerosol fuel. When large quantities of fuel burn, a great amount of warmth is released that destroys sensitive parts in the cabinets, what leads to the fact that even in case of fire being successfully extinguished, the electrical cabinet is destroyed and absolutely unsuitable for further use. For that reason many European countries refuse using aerosols to extinguishing fire in servers or electrical devices <http://up2v.nl/2012/11/01/real-life-disasters-or-how-a-small-fire-can-bring-down-your-it-room/> .

The new-generation technology of aerosol fire extinguishing created by us allows using miniature aerosol generators with as little as only 5 grams of aerosol. Every generator can be placed anywhere in an electrical cabinet. Depending on the cabinet volume the user can place one, two or three generators in different places of the cabinet. One generator protects the nearest 100 litres of the volume. The generators are autonomous and can function separately depending on the location of fire. There is no need to burn a big amount of aerosol and destroy electronic parts with extra warmth. 5 grams of aerosol in our miniature generator are sure to fulfill their work securely and without any harm.

The same goes to big generators. Instead of the ones with 10 kg of aerosol fuel we can now use only three to four kilos of fuel. Weight, size and amount of warmth reduce but efficiency gets higher. Surely, since less fuel is used, the generator price also decreases.

The second important peculiar feature is for the countries with hot climate and for the use of aerosol generators in the compartments of internal combustion engines as well as inside electrical cabinets.

An old-method aerosol generator can be stored and operated at ambient temperatures up to 60 degrees Celsius. If the temperature exceeds this mark, aerosol inside the generator starts getting soft, loses its shape and features, the efficiency of such soft and hot aerosol reduces abruptly.

Our new technology of new-generation aerosol production lets new generators be stored and operated at the temperatures up to 120 degrees Celsius. The new-generation generators can function perfectly in the sun rays in hot countries or inside an engine compartment or an electrical cabinet, whose temperature can get much higher than 70 degrees Celsius.

The technology of new-generation generator production is not going to be transferred to other companies. There will be no copies of this new aerosol technology in the world as it used to be earlier. We will produce and sell aerosol generators independently. There will be only original technologies directly from their designers and manufacturers. All other elements will be produced by the companies like before, i.e. these being only copies of old technologies created more than 35 years ago.

