

## Advantages of a New Manufacturing Facility for the Production of Nanofiber

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**Abstract :** The production of nanofibers and the machinery for their production is a current issue. The pioneer, in the industrial production of nanofibers, is the machinery with the sales descriptions Nanospider<sup>TM</sup> from the company Elmarco, which came into being in 2008. Most of the production facilities, like Nanospider<sup>TM</sup>, use electrospinning. There are also other methods of industrial production of nanofibers, such as the centrifugal spinning process, which is used by FibeRio Technology Corporation. However, each method and machine has its advantages, but also disadvantages and that is the reason why a new machine called as Nanomachine, which eliminates the disadvantages of other production facilities producing nanofibers, has been developed.

**Keywords :** nanomachine, nanospider, spinning slat, electrospinning

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