

Press Release

Small, Smaller – the Smallest!

INTRODUCING THE NANOMAT®!

DEPRAG has always stood on the forefront of innovation and has been extremely successful with its Miniature Screwdriver series, the Micromat, which is available in many different executions, pneumatic or electric, handheld or stationary, etc.

However, products keep getting smaller, fasteners are tiny and torque ranges are shrinking. This is one of the reasons for DEPRAG to introduce the new NANOMAT, which is even smaller in size than the Micromat. The main advantages include:

- integrated vacuum line – allows simple and fast connection to a vacuum source
- truly Ergonomic grip design using advanced materials
- integrated quick-change chuck
- ball-loaded drive spindle to minimize external impacts
- simple external clutch adjustment
- uses readily available 3-mm drive bits

The NANOMAT weighs only 0.3 pounds and is available with a minimum torque capacity of 1.14 inch ounces. There are four (4) handheld models available, each having a different speed and torque range. Naturally, the NANOMAT is reversible and has the well-known DEPRAG torque accuracy of a Cmk value of 1.67, which means that there is a failure rate of only 0.6 per one million screw assemblies. To view a catalog containing the handheld models, please click [HERE](#):

Our line of “stationary” NANOMAT Screwdrivers contains more than 32 different models, in push-to-start, remote-start, reversible and right or left rotation configurations. As all other DEPRAG stationary Screwdrivers, the NANOMAT incorporated our “function feedback port” and the “axial spring load” that regulates the end load pressure. Due to its extreme small size, the smallest hole-pattern that we can access with two side-by-side mounted Screwdrivers is 12-mm [0.472-inches]. To view a catalog containing the stationary models, please click [HERE](#):

So, if your application requires an extreme low torque and uses micro-sized fasteners, such as assemblies in the medical industry (hearing aids and pacemakers), the optical industry (eye-glasses, lenses, microscopes) or small consumer electronic devices (game consoles, laptops, tablet PC's), then the NANOMAT will help you achieve your production goal. Naturally, there are also other industries and products where this new tool can be used. Please call for a catalog or to discuss an application.



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