

Herrmann Lack-Technik/ Ionising without an external power source

Easier ionising with more flexibility

Pösing – 03. April 2018 –The new antistatic pistol IONSTAR is giving the employees of car body and paint shops much more freedom and flexibility to work. The innovation by Herrmann Lack-Technik GmbH creates the necessary energy, needed to power the device, via an air turbine within the machine itself. Therefore, no power cables, batteries or battery chargers are needed. The advantages are heightened freedom of movement for the employee, less weight in the hand and the freedom from power cables, battery-packs or irritating recharging.

A clean surface is the foundation of successful painting process. For this reason, antistatic devices are used in body and paint shops to neutralize static charges on the vehicles. These devices use electrical current and air pressure to ensure that vehicle surfaces are less susceptible to dust and lint. The static charge of the parts is hereby neutralised and such impurities cannot stick to the surface.

The new antistatic pistol IONSTAR by Herrmann Lack-Technik neutralises the static charge and cleans the surface in a single operation. After being connected to the compressed air system IONSTAR creates a strong jet of air which, with the aid of an integrated turbine, produces an air stream that is filled with positive and negative ions. "IONSTAR therefore needs no supply of current via power cables, batteries or battery chargers" the inventor and CEO of Herrmann Lack-Technik GmbH, Johannes Herrmann, is keen to point out.

Light in weight, more freedom of usage, less costs

Without power cables the pistol offers superior flexibility of use. And since no batteries are needed, the weight is noticeably lighter than systems that use other approaches. These advantages guarantee the spray painter more freedom of usage and less encumbrance in the preparatory steps proceeding the painting process.

In addition, no time has to be set aside for charging – the work can simply continue. Cost effectiveness is also achieved by not having to purchase batteries or chargers.

Explosion protection certified

The IONSTAR is also certified under the ATEX-Standards of 2014/34/EU EX and can therefore be used in paint cabins. This certification confirms the admission of the pistol in explosion hazardous areas. The pistol can be used in temperatures varying from 15 – 50 degrees Celsius. The recommended operating pressure is 2 – 3 bar. The airflow should be 200 ltr./min. minimum.

In the words of Sales Manager David Lynes, the pistol works at its best when set to the same pressure that spray guns are used at. „This is definitely another advantage and an assistance for the user. One can simply switch the compressed-air-line from spray gun to IONSTAR and keep working. “

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