

SERVICE

The anti-static pistol Ionstar

The Automotive Painter's best friend

The anti-static pistol Ionstar is the latest innovation by the German company Herrmann-Lack-Technik GmbH



Electrostatic wars - the invisible enemy of automotive painters is static electricity

THE ANTI-STATIC PISTOL IONSTAR IS UNDOUBTEDLY THE greatest asset that the automotive painters have available now at their fingertips. With IONSTAR, the painter can achieve coating layers with the utmost smoothness. Having a clean surface is not only a guarantee but it is also an essential requirement for a superior result and an excellent finish in the painting process. This is the reason why car body shops resort to anti-static devices.

IONSTAR uses compressed air to create electrical energy and to neutralize static charge. This will achieve the kind of dust-

free vehicle's surface every painter looks for. It is the dust accumulated in the process of preparing the surface for the paint job that accounts for blemishes (dust inclusions) in the paint coat. Obviously, eliminating the dust through neutralizing the electrostatic charge will solve the problem. But this is not the only benefit. IONSTAR neutralizes and cleanses the surface in a single step. After connecting to the air compressor the anti-static pistol generates the energy needed by an integrated turbine, releasing a strong airflow rich in ionized particles.

Furthermore, a pivotal and unique characteristics of the IONSTAR is that the



When the surface of the car body is polished, electrical charge develops



The mechanism is embodied in the "head" of the IONSTAR. It consists of a tiny turbine and a dynamo which is driven by the airstream from the compressed air. Other than that, IONSTAR resembles any other conventional compressed air gun

system doesn't need any batteries or cables. This makes IONSTAR the one-of-a-kind solution for the car body painter's problems. Furthermore, the IONSTAR complies with the requirements of the ATEX directive 2014/34 EC, and is therefore EX certified.

As IONSTAR does not need any kind of power supply, it makes it considerably lighter and easier to handle than any other device on the market (with large batteries that need charging, or cables). It allows extreme flexibility during the work process.

These advantages provide the user with more freedom in their work and saves time. Additionally, the preliminary steps of the painting process are simplified. ➔



1



2



3

When the surface is electrically charged (1) the thread clings to the bumper. With the help of the IONSTAR (2) the electric charge is eliminated for about 30 Minutes. The thread simply glides of the bumper and slips to the ground



CONCLUSION

The editor
DIMITAR PESHEV

The innovative weapon against static electricity Ionstar is a thoughtful investment because it reduces the painting time and allows a more high-quality coating layers to be applied without the need for reloading of supplies or maintenance.