

Kits

Designation	Part number
Pack Inocart NDT, 6 m	910030369
Pack Inocart NDT, 12 m	910030369-12




Inocart NDT

Complete manual powder package

Powder / Manual Guns



USER-FRIENDLY COMPACT EQUIPMENT READY TO SPRAY

-  **Very low and stable powder flow (as low as 3g/mn): Exclusive pressure tank**
-  **Efficient powder transfer: TEC5 technology**
-  **Easy to operate: Less than 2 minutes from training to production**

Markets



BOND • PROTECT • BEAUTIFY

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Inocart NDT

Complete manual powder package

The Inocart NDT is a simple and complete manual solution for Non-Destructive Testing (NDT). Using the Inogun M spray gun and the Inobox control module enhances the user's experience. It contains a user-friendly interface with advanced ergonomic functions to help maintain the focus on the developer powder application.

The **Inocart NDT** is designed for Non-Destructive Testing processes to apply powder developer. This application process is widely used in the aerospace market. Powder is finely applied in a homogenous layer with the substrate still visible. In order to obtain film thickness, the CSV 230 pressure tank will enable the best movement of powder to the gun for the required application. This system is compact and stable. It is easy to move the unit in all environments due to its low center of gravity and large back wheels.

Powder and energy savings have been incorporated at the heart of the gun's development to reduce work by enhancing productivity and finishing quality of the coating. The **TEC5** (Transfer Electronic Control) ensures the self-regulation of the electrostatic charge taking into account the powder flow and distance of the parts in order to optimize the powder transfer and finish quality.

Inocart NDT features an easy way to adjust the powder flow with its unique shutter lever on the tank and is well-balanced and comfortable to manage. The powerful high voltage unit paired with the high voltage control unit delivers a high wraparound effect on large parts (D. 500mm / 20 in.) and has deep penetration into recessed areas. This reduces the cost of the equipment with a better use rate of powder and reduces the spray time. The Inobox is the real brain behind the Inocart NDT as it performs the High Voltage and all air controls: high voltage, current, electrode cleaning air, injection, and dilution.

The powder hose and the cable are available in two different lengths: 6 meters (19.7 ft) and 12 meters (39.4 ft) to process small or large parts and components.



Technical data table

Designation	Value	Unit: metric (US)
Maximum Air Pressure	7 (14.5)	bar (psi)
Air Consumption	5 - 12 (2.9 - 7)	m3/h (cfm)
High Voltage (maximum)	100	kV
Weight	40 (82)	kg (lbs)
Tank Capacity	15 (3.9)	l (gal)
Current Max	110	µA
Powder Output Max	450 (15.8)	g/mn (oz/mn)
Air Supply Pressure	6 (87)	bar (psi)
Relative Humidity Max	80	%
Height	1230 (48.4)	mm (in)
Width	490 (19.3)	mm (in)
Length (gun only)	340 (13.4)	mm (in)
Length	710 (28)	mm (in)

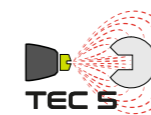
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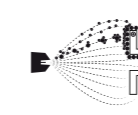
Technologies



Powder Tank



TEC5



CORONA CHARGE

Performance

- 1 Constant and stable spray pattern for smooth and even developer application
- 1 Well-balanced gun for easy maneuvering
- 2 TEC5 technology delivers high-quality finish
- 3 Three factory presets for quick start. 99 customer presets available to meet production requirements
- 3 Quick and easy adjustment of the Inobox height for easy information reading
- 4 Capable of very low and regular flow with low speed due to the pressure tank
- ◆ No puffing

Productivity

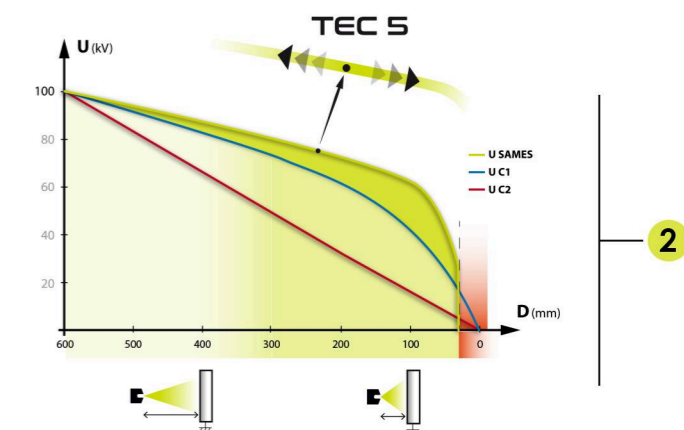
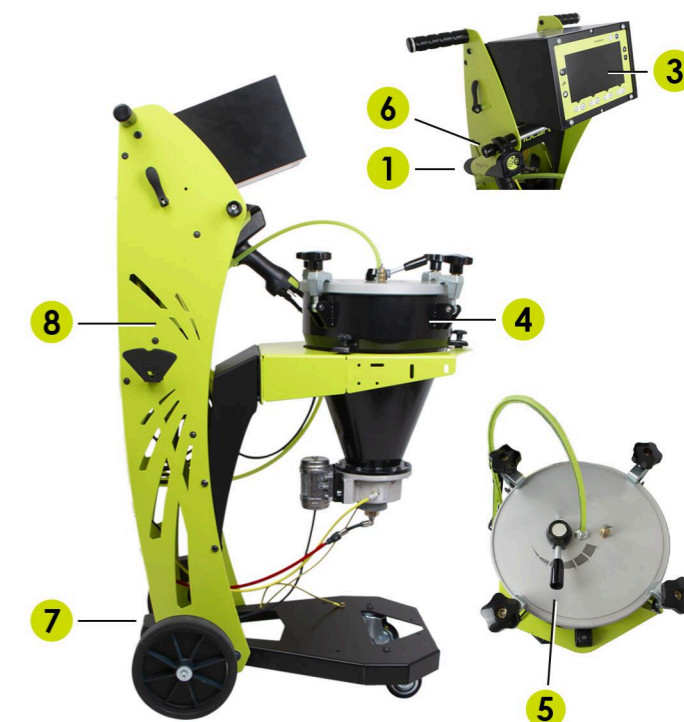
- 1 Powerful cascade providing a strong wraparound effect
- 2 High transfer efficiency to reduce process time
- 3 Advanced HV control for excellent penetration of complex-shaped parts
- 5 Simple and instant control of the powder flow rate by shutter lift
- 6 Self-locking hook to store and maintain the gun
- 7 Dedicated foot rest to easily move the Inocart

Sustainability

- 1 Unsurpassed cascade performance lifetime
- 3 All wear parts are monitored on the controller to encourage proper preventative maintenance
- 8 Designed for industrial use
- ◆ Built with proven high-quality components



Description



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