



Inocart NDT

Complete manual powder package

user-friendly compact equipment ready to spray

Product highlights

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



BOND • PROTECT • BEAUTIFY

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.



Adapted industrial markets



Industrial



ACE*



Transportation



Energy



Technical data table

Designation	Value	Unit
Maximum Air Pressure	7 (14.50)	bar (psi)
Air Supply Pressure	6 (87)	bar (psi)
Optimal Transfer Efficiency	82	%
Powder Electrostatic Technology	High Tension Unit	
Height	1230 (48.40)	mm (in)
Width/depth	490 (19.30)	mm (in)
Length	710 (28)	mm (in)
Length (gun only)	340 (13.40)	mm (in)
Air Consumption	5 - 12 (2.9 - 7)	m ³ /h (cfm)
Weight	40 (82)	kg (lbs)
High Voltage (maximum)	100	kV
Current Max	110	μA
Powder Output Max	450(15.80)	g/mn (oz/mn)
Relative Humidity Max	80	%
Certification	CE, Atex	
Capacity	15 (3.90)	l (gal)

Marking

Product	Type
Inocart NDT	CE 0080  CE, Atex

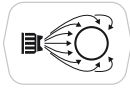
*: "AgricultureConstruction and Earthmoving"



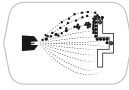
Technologies



TEC5



Electrostatic



CORONA Charge



Spraying



Description

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.

Performances

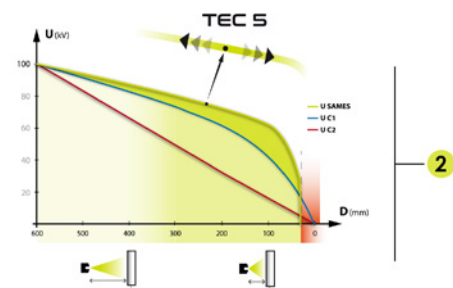
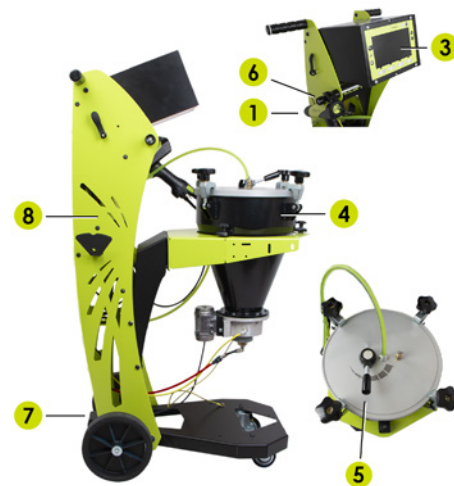
- 1 - Constant and stable spray pattern for smooth and even developer application
- 1 - Well-balanced gun for easy maneuvering
- 2 - TEC5 technology delivers high-quality finish
- 3 - Three factory presets for quick start. 99 customer presets available to meet production requirements
- 3 - Quick and 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



Kits

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

 Additional information

- User manual
- Spare parts
- Accessories
- Documents
- Videos

