

Encore® HD

Manual Powder Coating System

Save on powder and increase application speed with next-generation dense-phase technology.

The Encore HD Manual Powder Spray System is our fourth generation high density, low velocity (HDLV) spray technology. Designed for superior process control, you can achieve a highly dense phase spray, a more diluted mixture...or anything in between. HDLV technology delivers a high concentration of powder, but using very little air. As a result, you get greater transfer efficiency, less overspray and superior cured finish quality for every conceivable part type. The system offers:

- A more lightweight, better-balanced gun
- Powder deposition at speeds nearly double that of venturi systems
- Superior edge and corner coverage
- Higher transfer efficiency
- New, robust lance assemblies extend gun reach and allow for fast color change
- On-gun controls for fast, easy adjustments
- Nozzles that are compatible with the Encore gun family (XT, LT and HD)
- Sprays all powders



Encore HD Manual Gun spraying dry-blended metallic powder.



The system is available in either single or dual configurations, including gun, controls and pump.

The Encore HD Powder Spray Gun represents the latest in powder coating technology, offering powder coaters a single gun that can meet any application need. With on-gun controls, it allows easy adjustment of the powder output, concentration and spray velocity – from a highly dense phase spray to a more diluted (powder and air) mixture, and everywhere in between.

Using Nordson HDLV technology allows the Encore HD gun to spray all powder materials, even those that are the most challenging. In addition, the low velocity spray also provides superior corner and edge coverage.

The Encore HD gun is also well balanced and one of the lightest manual guns available today, reducing operator fatigue and making the painter's job easier.

Lance Assembly

The Encore HD manual powder spray gun can be configured with robust lance assemblies to extend the reach of the gun into deep cavities or for painting through a typical operator opening into a large powder booth.

Specifically designed for fast color change, the assemblies incorporate a uni-body construction that lends itself to easy disassembly and reassembly for cleaning and color change. Encore HD lance extensions are highly durable and eliminate locations for potential impact fusion.

Lance extensions are available in both 150mm and 300mm versions for application versatility.



Encore HD Manual Gun with lance assemblies.



Encore HD Color-On-Demand System

Specifications

Encore HD Manual Gun	
Height	25.4 cm (10.00 in.)
Length	33.8 cm (13.30 in.)
Reach	20.5 cm (8.07 in.)
Weight	475 gm (16.75 oz.)
Pump	
Output (Max)	4kg (9lbs) per minute
Operating Air Pressure	4.80 bar (70 psi) min
Total Air Consumption	198-225 l/min (7 cfm)

For more information, speak with your Nordson representative or contact your Nordson regional office.

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