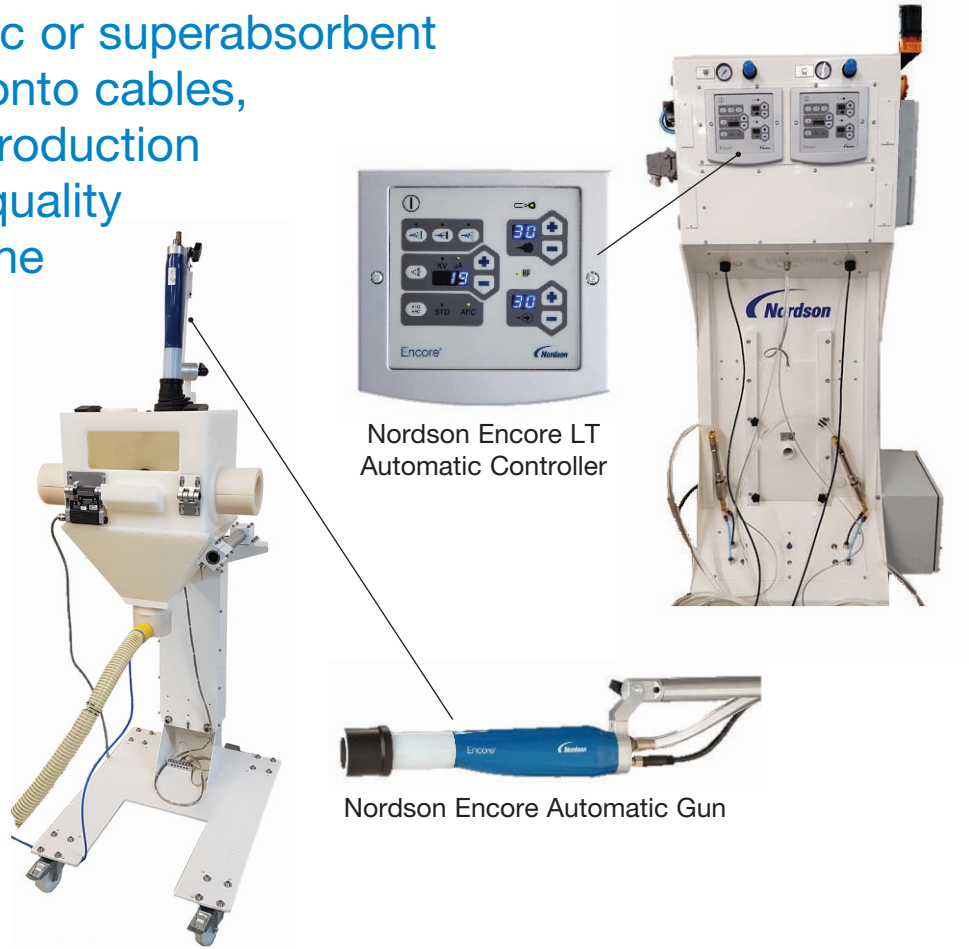


# ECC 702

## Cable Coating System

Precisely apply talc or superabsorbent powder coatings onto cables, meeting today's production speeds and high quality requirements for the cable industry.



Nordson Encore LT Automatic Controller

Nordson Encore Automatic Gun

Based on Nordson's proven ECC cable coating systems, the ECC 702 system uses an electrostatic charge to produce even powder coatings. The ECC 702 system integrates several new components from the Nordson Encore® product line including the Encore LT automatic controller and the Encore automatic gun.

Encore guns use the corona process to charge powder particles with ions from a high voltage source. The powder is fluidized, charged and sprayed onto the cable. Nordson powder pumps maintain an adjustable, even flow of powder to obtain the desired coating thickness.

To meet specific needs, the ECC 702 system can be configured with different types of spray guns and spray chambers; newly developed pump technology for abrasive and non-abrasive materials; and options such as integrated air dryer, material flow monitoring or automatic refill hopper.

### Features and Benefits

- Precisely controllable process assures consistent, reproducible coating thickness
- Closed loop powder recovery provides high transfer efficiency while keeping the environment clean
- Modular system design and flexible inputs / outputs for cables with diameters up to 160 mm allow easy integration into existing production lines
- Supports high production speeds
- Coarse sieve prevents migration of foreign particles into powder circulation
- Maintenance-free membrane air dryer
- Powder flow control assures exact control of the coating process

## Standard System Components

- Patented Encore gun
- Interchangeable nozzle
- Encore control modules for high voltage
- Powder hopper with powder pump
- Pump for abrasive materials
- Automatic powder recovery system
- Powder level control with low level alarm
- Dual filter system with automatic cleaning function
- Integrated air dryer
- Casters

## Options and Accessories

- Customized spray chamber
- Automatic refill hopper
- Material flow monitoring
- Stand-alone version

## Specifications

Ambient Temperature Range	0 to 40° C (32 to 104° F)
Hazard Area Rating (ATEX directive)	
Controller	Zone 22 or Class II, Division 2
Powder Gun	Zone 21 or Class II, Division 1
Filter	Dual filter system with automatic cleaning
Number of Guns / Pumps	1-4
Material Processing	
Capacity Per Gun	Talcum: approx. 40-300 g/min SAP: approx. 40-100 g/min (up to 250 g/min)
Filling Volume System	20 L
Compressed Air	
Operating Air Pressure	0.6 MPa / 6 bar / 87 psi
Air Consumption	Approx. 500 L/min
With Refill Hopper	Approx. 100 L/min
Weight (approximate)	
Basic Unit	415 kg
Spray Chamber	10-20 kg depending on size
Separate Frame (w/o spray chamber)	350 kg
Electrical Voltage Supply	230 VAC 1 phase 50/60 Hz 230 VAC 3 phase 50/60 Hz 400 VAC 3 phase Delta 50/60 Hz 400 VAC 1 phase Y 50/60 Hz
Power Consumption	Refer to ID plate
Dimensions (W x H x L)	810 x 1950 x 1350mm
Protection	IP54



Encore LT  
Automatic Controller



Automatic refill  
hopper

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

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