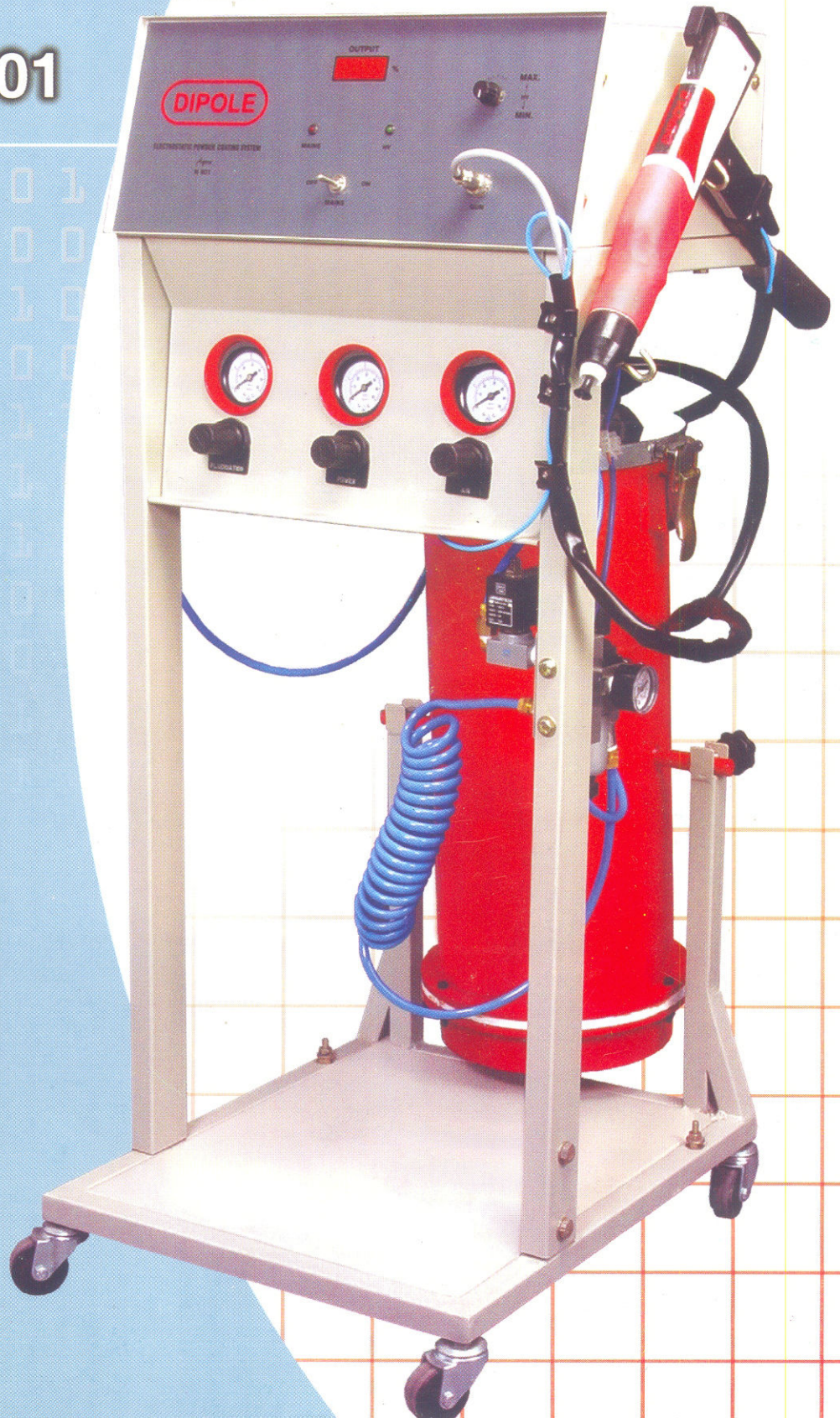


DIPOLE

ELECTROSTATIC POWDER COATING SYSTEM

Ayra N 801



POWDER
SPRAY GUN

Ayra

N 801

DIPOLE

ELECTROSTATIC POWDER COATING SYSTEM

PRODUCT PROFILE

Powder spray system AYRA N801 uses latest digital electronics and high frequency inverter technology and has in-built short circuit protection & automatic power control system. Miniature power pack & high voltage system is fitted within the gun for maximum efficiency & ease of operation.

When unit is properly connected to an air compressor and the gun is triggered, the fluidised powder inside the barrel of the gun is charged and is sprayed out. Fine and coarse controls to get varied powder/air mixture are provided to get optimum results.

System is suitable for all kind of electrostatic powder coatings - Tube Shaped Objects, Cycle/Automobile Parts, Garden Equipment, Househols Appliances, Furniture, Sanitary Fittings, Steel & Aluminium Sections, Metal Works Parts, Articles made out of wire and perforations. It is remarkable efficient for all type of powders Epoxy, Epoxy Polyester, Polyureathene etc.

EQUIPMENT IS SIMPLE, RUGGED & MAINTENANCE FREE.

SPECIFICATIONS

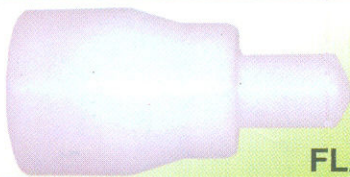
Powder Output	-	30 Kg/Hr. Nominal at 75 lbs pressure
Max. Air Pressure	-	7.5 bar (Kg)
Pressure - Operation	-	5.0 bar (Kg)
Voltage / Frequency	-	220/240 V, 1 ϕ , 50 Hz.
Electricity Consumption	-	50 VA at upto 100 KV -ve
Powder Hopper Capacity	-	15 Kg.
Powder Pipe	-	5 Mts.
Spray Pattern	-	Variable to suit work

SPECIAL FEATURES

1. Best charging is ensured by special insulated electrode fitted inside the nozzle, giving the highest charging efficiency.
2. Modular construction for easy repairs and maintenance in rare cases of break-down.
3. Set of deflectors /pattern setters to keep the charging edge clean.
4. Feathertouch trigger for fatigue free-operation.
5. Incase of accidental contact of gun tip with article being coated voltage drops to zero, however unit will not be switched off. Take back the gun and start coating.
6. Negligible Faraday cage effect.



NOZZLE (Available in 3" TO 14" Sizes)



FLAT NOZZLE



DEFLECTORS

For a complete powder coating plant following additional equipment /facilities are needed & can also be supplied :-

1. A 12 cfm capacity Air Compressor complete with filter & regulator. to deliver continuous compressed air during operation.
2. Pre-treatment system for degreasing & surface preparation of the work-pieces prior to coating operation.
3. Powder Spray Booth cum Recovery System for recovery & subsequent reuse of over-sprayed powder.
4. Curing Oven normally operating between 180° C to 220° C. This may be electrical, oil or gas fired.

AUTOMATIC/SEMI-AUTOMATIC/CONVEYORISED POWDER COATING SYSTEMS AS PER REQUIREMENT ARE ALSO AVAILABLE.

GOLDSTAR INSTRUMENTATION

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