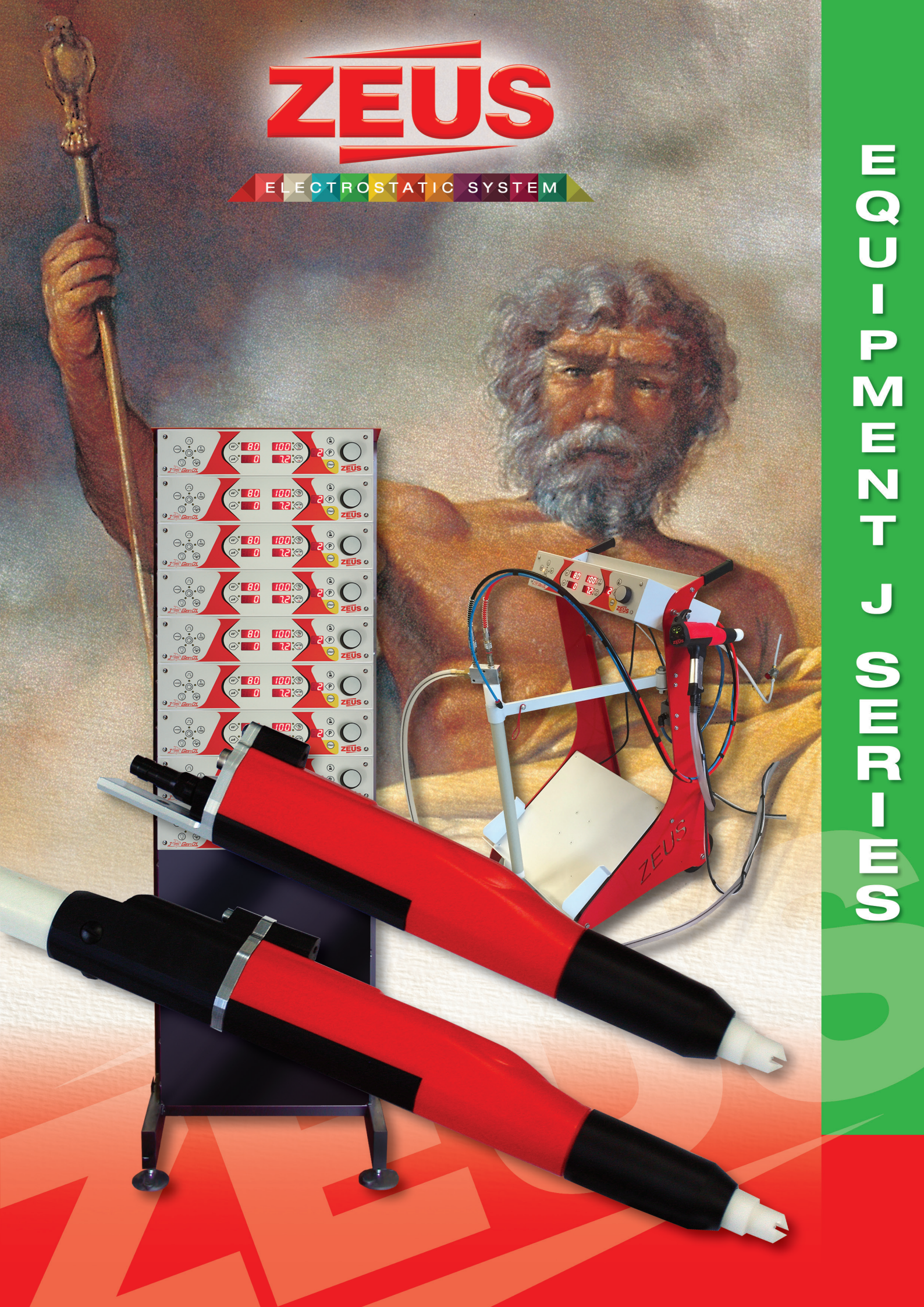


# ZEUS

ELECTROSTATIC SYSTEM



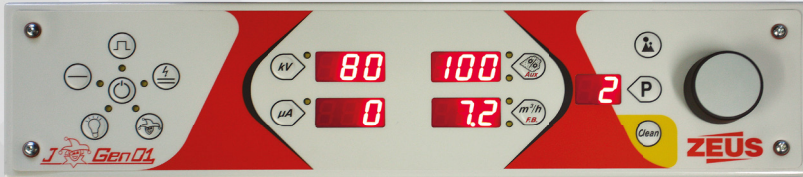
СЕРВИСНО-ТЕХНИЧЕСКОЕ ОБОРУДОВАНИЕ



# EQUIPMENT J SERIES

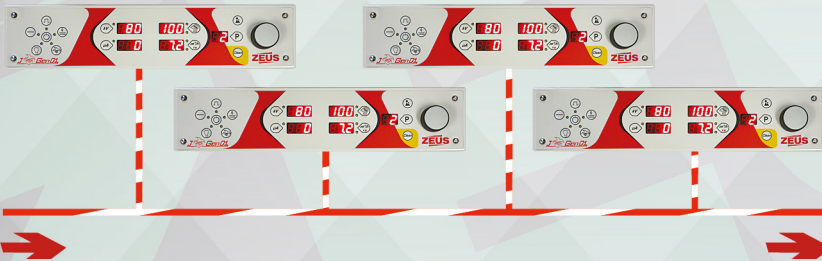
## JGEN01 CONTROL UNIT

**Control Units jGen01**, in conjunction with the new series of electrostatic guns jGun01, thanks to the microprocessor controlled oscillator, boost your powder coating process. **J** stands for **jolly** as in playing cards, where the jolly card can be joined to any card; in the same way the j machines work together for better efficiency, powder coating savings, and, in short, higher productivity.



## CONNECTIVITY

jGen01 Control Units feature a 485 interface that enables connection between the units in order to share settings and powder coating programs. jConnectivity is not only for Control Units but is extended to other systems such as reading optical barriers, Powder Centers and so on.



## CLONING

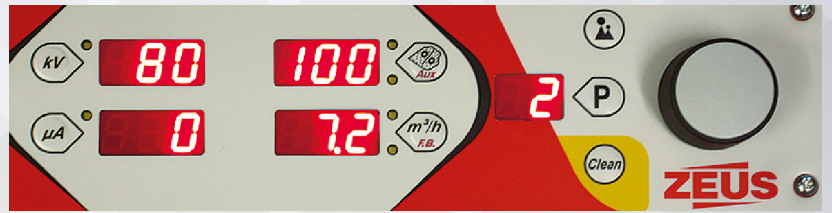
Simply pressing a key the function Cloning is activated; this allows to copy all the settings of any Unit to all the other units that are connected.





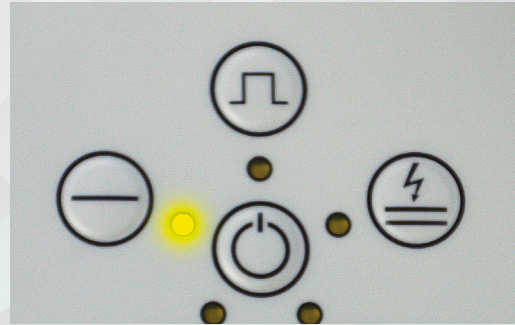
## NAVIGATOR

Turning the large knob on the right side of the front panel of the Unit, all function can be quickly adjusted.



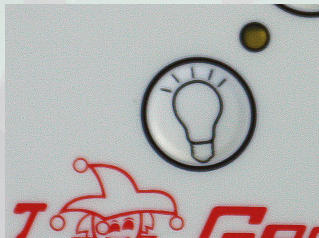
## MODES

Three preadjusted Modes (but operators can modify these adjustments) enable operators to coat pieces in the best way possible; the three Modes are flat surfaces, cages and recoating.



## SMART COAT (SMC)

This Mode makes easier to coat recesses, because when gun get close to the recesses automatically are reduced the amount of powder and its speed, and also electrostatic, in order to avoid powder bouncing back or blows, and reduces orange peel. When the gun moves further original values are restored.



## JOLLY

Jolly is a function that enables operators to switch, with a quick double stroke of the trigger, from a Mode to another and/or change values of parameters from remote, that is from the pushbuttons of the manual gun.



## PROGRAMS

Fifty programs can be stored in memory of the microprocessor. A program is composed by operative Mode, electrostatic adjustments, and pneumatic adjustments. Programs can be made, stored and recalled.



## CLEAN

This feature can be used in stand alone to empty powder hose, Venturi pump and gun from powder; or in jolly function with a double click of trigger to open a valve that cleans the electrode of the gun.



# EQUIPMENT J SERIES

## **AUTOMATIC GUN JGUN01**

These are the latest generation of Zeus pistols, efficient, reliable and durable, they are capable of being used with all types of nozzles.

They can be provided in the traditional short version or in the arm mounted version integrated and connected in such a way as to be used with Zeus cabin cleaning systems.

jGun01 guns are all certified in accordance with the ATEX directive.





## CUTTING EDGE TECHNOLOGY

Manual Units **jDigital** are innovative, flexible, reliable and efficient; it is a concentrate of technology at the service of operators.

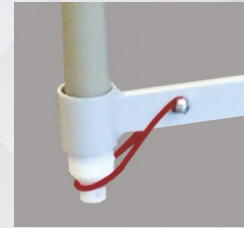
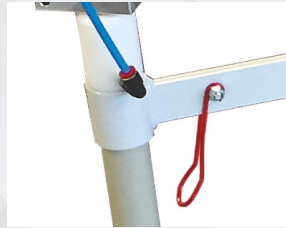




# EQUIPMENT J SERIES



Intake tube Locking Device to make easier rinsing of parts during colour change.



Carton Vibrating Plate: powder box/ carton can be positioned in any position to improve powder sucking.



Venturi Pump Cleaning System, allows fast cleaning of powder ways.



Tray for objects.



New fluidised intake pipe with high efficiency.



# EQUIPMENT J SERIES



## MANUAL GUN JGUN01

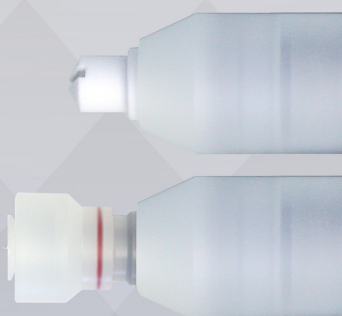
Light, balanced, efficient: these are a few adjectives that distinguish the new **jGun01**, a gun that represents a concentrate of technology; starting from its materials of elevated mechanical resiliency, high dielectric strength, and low molecular weight in order to avoid operator fatigue.

At the heart of the gun is its High Voltage Multiplier, highly insulated and highly energetic to charge powder efficiently.



## KEYBOARD

RECO, a small keyboard at the bottom of the gun, it allows, in conjunction to jolly function, to choose and adjust parameters.



## UGELLI

A large range of nozzles and different extensions complete the accessories of the gun.



## LAB EQUIPMENT J SERIE

It is enclosed in a sturdy case with trolley, and it is a Manual Unit complete with accessories.  
An handy connection panel enables to connect a manual gun in a few seconds, having all connections in the upper side.  
Inside the lateral compartment a fluidised cup is stored with connctions parts.



## TAZZA FLUIDIZZATA

The Fluidised Cup enables operators to spray little amount of powders to make any coated samples, just using the tiny tank of the cup.





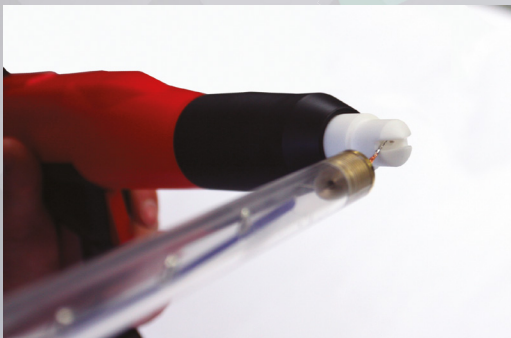
# EQUIPMENT J SERIES

## SERIE J INSTRUMENTS KIT (Kilovolt metre and MegaOhmmetre)

Powder coating equipment require maintenance from time to time, and for this purpose ZEUS' answer to this requirement is a robust case with the checking instruments. The instruments are a kilovoltmetre and a megaohmmetre.

With them electrostatic efficiency of the guns can be easily controlled. Not only high voltage can be checked, but electrostatic circuitry also: that is the regular connection of nozzle, gun and cable.

Also the grounding of pieces can be checked, to help improve powder coating efficiency.





# EQUIPMENT J SERIES



Since its founding in 1975, **ZEUS** has continually sought to satisfy its Clients. This quest has enabled our company to grow to its present size. The secret of our success has been the capacity to translate the needs of an ever more discerning and demanding clientele into products. The most modern technology combined with a passion for their work has enabled our technicians to create both standard off the shelf products as well as one-off items with the same attention to detail. Often, what is delivered is not just a set of tools, but the solution to a particular problem.



# ZEUS



Sistema di gestione per la qualità  
UNI EN ISO 9001:2000  
Cert. N. 9190.ZEU1

Rapid colour change spray booths • Reciprocators • Oscillators  
Electrostatic generators • Electrostatic spray guns • Venturi pumps  
Fluid bed containers • Reading systems • Manual and automatic plants

Via N. Copernico, 9/A • 44011 Argenta (FE) Italy • Tel. +39 0532 800 335 • Fax +39 0532 852 280  
www.zeus-el.it • e-mail: zeus@zeus-el.it