



*Express your business  
Dose your ideas*

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# ROIS POWERED BY USTER

In 2014 Uster created the ROIS Dosing Systems brand, a European patent for microdosing valves designed to dispense low and medium viscosity substances for extremely precise dosing, even at high speeds and for millions of cycles. Up to 600 cycles/min, precision up to 2%, all in 30mm high technology designed and produced in Italy by Uster.



**PRODUCED ENTIRELY IN ITALY 100%  
TRACEABILITY USED FOR EVERY  
PRODUCTION SECTOR**



*Uster, an Italian company that has been dealing with high-precision mechanical machining for forty years, specializes in the optimization of the customer's project up to the industrialization of the product in 10 different industrial sectors. It is present in the Italian and foreign markets. It has always been attentive to the quality of processes and workmanship, adopts international certifications and provides a technologically advanced fleet of machines with periodic checks and maintenance.*



# ROIS

## PNEUMATIC VALVES

ROIS Dispensing Systems is an innovative line of valves designed to dispense **low to medium viscosity** substances. Each valve uses a **wide range of heads** to ensure extremely precise dosing.

### VALVE LUX - VM100

A short opening stroke ensures **maximum response speed and positive shutoff**. Designed to work at high frequency, it guarantees excellent compatibility for the chemical and food industries.



### VALVE LINX - VM110

The VM110 valves can be used in all cases of **polymerization of the fluid** to be dosed. The valves are suitable for the use of cyanoacrylates, anaerobic thread lockers, UV glues and other reactive fluids.



TECNOLOGY MADE IN ITALY



# ROIS

## PNEUMATIC VALVES

ROIS valves are designed to guarantee millions of work cycles before maintenance is required. They have been designed to deliver precise and uniform **quantities that are always constant over time**, even for the most demanding applications.

### VALVE CETUS - VM120

The new VM120 represents the solution for dosing photosensitive fluids for even greater productivity, with **precise fluid control**. Thanks to a very short fluid path, operation is always reliable.



### VALVE FOX - VM130

The VM130 anti-tamper valve represents the solution for **constant dispensing** without external interventions. Compact and versatile, it guarantees high performance even in the most demanding applications.



DESIGNED FOR PRECISE DISPENSING



# ROIS

## PNEUMATIC VALVES AND SPECIAL HEADS

ROIS valves are built entirely of **stainless steel with a membrane in PTFE/PVDF/PE-UHMW** versions, allowing easy use and maintenance. The design, entirely Made in Italy, compact and innovative, guarantees easy integration into automated applications and considerable installation flexibility.

### VALVE ORION - VMS100

A spray valve designed to work at high frequency that **features a regulation control** on the top of the valve. Developed in stainless steel, it adapts to even the most complex working conditions.



### SPECIAL HEADS



**GUARANTEED FOR MILLIONS OF CYCLES**



# ROIS

## THE EVOLUTION OF PNEUMATIC DOSING DEVICES: THE ELECTRONIC VALVE

**Hydra - VME100** represents the evolution of pneumatic dispensers, an electronic valve that allows the membrane to open and close in very short times. Pneumatic management is eliminated by working directly on the membrane with micrometric **positioning and in milliseconds.**



**ELECTRONIC VALVE**  
**IoT - DATA DRIVEN**  
**INDUSTRY 4.0**  
**PRECISION UP TO 2%**



## THE ELECTRONIC RANGE



# ROIS

## *FIELD OF APPLICATION*

ROIS valves can be used in a wide range of applications in multiple sectors: food with **MOCA approval**, cosmetics, electronics, pharmaceuticals, automotive, assembly, chemical, electronics and renewable energy. *Reducing waste in material dosing is essential to achieve greater production efficiency: thanks to its performance, the ROIS diaphragm valve has been developed to guarantee high control in the fluid dispensing phase in every type of application.*

**SERIAL NUMBER MARKED DIRECTLY ON THE VALVE BODY ALLOWS  
IMMEDIATE TRACEABILITY**



**ITALIAN DESIGN**

**MAXIMUM PRECISION**

**100% TRACEABILITY**



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