# METER MIX DISPENSING SOLUTIONS

## INNOMIX SCV SERIES METER MIX SERVO CONTROLED PUMP



APPS VIDEO BICOMP INNOMIX SERIES HTTPS://YOUTU.BE/TAK2TQUQANO

METER MIX INNOMIX LC20 VIDEO HTTPS://YOUTU.BE/5O2EUD4IUJI

**RELIABLE, ACCURATE AND EASY-MAINTENANCE SOLUTIONS FOR COATING AND DISPENSING**

- THE INNOMIX SCV SERIES INCLUDES SEVERAL HIGH-PERFORMANCE EQUIPMENT OF MIXERS AND DISPENSERS OF TWO-COMPONENT MATERIALS, FOR ALL THOSE CUSTOMERS WHO NEED AN INDUSTRIAL MIXER FOR COMPLEX AND PRECISION APPLICATIONS.

-THERE ARE 3 MODELS IN THE RANGE:

**SCVP** THAT INCLUDES PRECISION VOLUMETRIC PUMPS FOR SMALL VOLUMES (MICRO DISPENSING).
**SCVS** THAT INCLUDES PRECISION VOLUMETRIC PUMPS FOR MEDIUM VOLUMES.
**SCVH** THAT INCLUDES PRECISION VOLUMETRIC PUMPS FOR LARGE VOLUMES.

-THIS EQUIPMENT IS DESIGNED FOR USE IN **ENCAPSULATION, GASKETING, SEALING, POTTING, ETC. APPLICATIONS. OF ELECTRONIC EQUIPMENT** AND, IN DEFINITIVE, ALL TYPES OF APPLICATIONS WHERE IT IS REQUIRED TO MIX TWO COMPONENTS TOGETHER WITH A CONTROL OF THE VOLUME AND SPEED OF DISPENSING

-METER MIX SYSTEM IS READY TO USE WITH ALL KIND OF URETHANES, **EPOXIS, SILICON, METHACRILATES, PAINTS, ETC.**

-THE SYSTEM CONSISTS OF TWO REINFORCED STEEL CYLINDERS WITH POSITIVE DISPLACEMENT PNEUMATIC ACTIVATION, AND ALLOWS US TO PRE-ADJUST MIX RATIOS FROM **100:100 TO 100:5** (FIXED FACTORY SETTING), WITH A MAXIMUM VISCOSITY OF **600,000 CPS**. THE MATERIALS FLOW FROM THE TANKS IS CONTROLLED WITH A MECHANICAL LIMITER.

-THE VOLUME OF MATERIAL DISPENSED PER SHOT IS ADJUSTABLE BY SOFTWARE (SEE VOLUME TABLES ACCORDING TO THE RATIO), HAVING A MAXIMUM SHOOTING FREQUENCY OF UP TO 60 SHOT PER MINUTE (DEPENDING ON THE VISCOSITY OF THE MATERIAL).

-THE MIXING SYSTEM IS CARRIED OUT THROUGH A STATIC MIXER SUPPORTED BY A MOVABLE VALVE WITH 2.5 METERS HIGH PRESSURE PIPE AS STANDARD.

-PROGRAMMABLE **ANTI-GE**L PURGE SYSTEM INCLUDED.

-THE INCLUDED ***INNOMIXFLOW PRO*** SOFTWARE ALLOWS YOU TO CONTROL ALL THE NECESSARY PARAMETERS SUCH AS SHOT VOLUME, SHOT SPEED, PURGE TIME, GEL TIME, TANK LEVELS, PRESSURES, PRODUCTION CONTROL, DEGASSING, ETC.

-OPTIONAL: THE HEATING SYSTEM FOR TANKS OF 10 AND 30 LITER. PID CONTROL BY SOFT. AMB-90º C. YOU CAN ALSO HEAT THE PIPE THAT CARRIES THE MATERIAL FROM THE PUMPS TO THE DOSING VALVE.

-OPTIONAL: ADJUSTABLE ELECTRONIC AGITATOR IN TANKS TO AVOID SEDIMENTATION OF MINERAL CHARGES IN POLYURETHANES AND SILICONES.

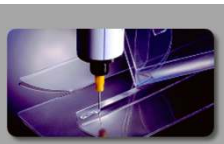
-OPTIONAL: SYSTEM OF DEGASIFICATION BY ELECTRONIC PUMP AND CONTROLLED BY SOFT.

-OPTIONAL: LOW LEVEL CONTROL SYSTEM IN TANKS THROUGH PROGRAMMABLE SCALES.

-OPTIONAL: AUTOMATIC FILLING SYSTEM FROM MATERIAL PACKAGING.

-OPTIONAL: PROGRAMMABLE RECIRCULATION SYSTEMS TO AVOID SEDIMENTATION IN PUMPS AND PIPES.

MATERIALS: CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.





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# INNOMIX SCV SERIES ACCESSORIES

**ELECTRONIC AGITATOR** (OPTIONAL)

WHEN THE BASE MATERIAL (OR CATALYST IN SOME CASES) HAS DECANTING CHARGES, IT IS NECESSARY TO PUT AN AGITATOR THAT MIXES THE MATERIAL AT A SLOW AND CONSTANT SPEED TO AVOID FILLER FALL DOWN TO THE BOTTOM.
THE AGITATOR ALLOWS TO ADJUST THE AIR FLOW, THUS BEING ABLE TO ADJUST THE SPEED OF ROTATION ACCORDING TO THE VISCOSITY OF THE MATERIAL.

WHEN IT IS AGITED, IT IS RECOMMENDED TO ALSO INSTALL A VACUUM OR DEGASIFICATION SYSTEM.



30 LITERS STEEL TANK WITH ELECTORNIC AGITATOR AND HEATING SYSTEM

**TANKS Y HOSES HEATING** (OPTIONAL)

ALLOWS TO KEEP THE MATERIAL AT THE SET TEMPERATURE (AMB – 90º C) BY MEANS OF A CLAMP WITH TEMPERATURE ADJUSTABLE BY SOFT WITH PID CONTROL.

THE FACT OF HEATING THE MATERIAL ALLOWS TO LOWER THE VISCOSITY, WHICH WILL ALLOW US, ON THE ONE HAND, TO MIX BOTH PARTS IN A MORE EVEN WAY, AND ON THE OTHER, TO ALLOW A BETTER FLUIDITY WHEN APPLYING IT.

BY HEATING THE BASE MATERIAL, IN MOST CASES IT ALSO ALLOWS TO SHORTEN ITS POLYMERIZATION TIMES.

**DEGASIFICADOR PROGRAMABLE POR BOMBA** (OPCIONAL)

IT ALLOWS US TO MAKE VACUUM PROCESS TO THE TANKS DURING THE NECESSARY TIME TO BE ABLE TO ENSURE THE ELIMINATION OF THE BUBBLES GENERATED IN THE LOADING OF THE TANK OR IN THE AGITATING PROCESS, EITHER BY EXTERNAL MEANS, OR BY USE OF THE AGITATOR.

THIS SYSTEM IS CONFIGURABLE BY SOFT, ALTHOUGH IT IS PREPROGRAMMED WHEN NECESSARY.




VACCUM PUMP

**TRANSVASE DESDE ENVASES ORIGINALES** (OPCIONAL)

IT ALLOWS US TO CARRY OUT THE TRANSFER OF MATERIALS FROM THE ORIGINAL FORMAT (5, 20, 50, 200 LT, 1000 LT, ETC) TO THE TANKS INSTALLED IN THE EQUIPMENT IN A SAFE AND CONTROLLED WAY.

WE WILL AVOID HUMAN ERRORS, AS WELL AS RISKS ASSOCIATED WITH HANDLING AND MOVEMENT OF WEIGHTS.

IT IS NECESSARY TO MAKE A DETAILED STUDY TO SEE WHAT TYPE OF PUMPS, AGITATOR, HEATING, ETC. IT IS RECOMMENDED TO INSTALL.

THE SYSTEM IS CONTROLLED BY SOFT.





MATERIALS: CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.

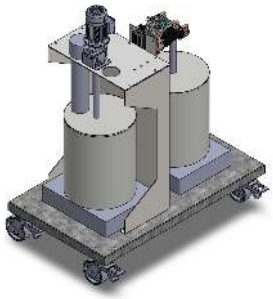
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# INNOMIX SCV SERIES ESPECIFICATIONS

## GENERAL SPECS INCLUIDED





**MODELOS:**
- INNOMIX SCVP PRECISION SERVO PUMPS (MICRO VOL)
- INNOMIX SCVS MEDIUM VOL SERVO PUMPS (STANDARD)
- INNOMIX SCVH HIGH VOL SERVO PUMPS

**PUMPS**
- PART A: POSITIVE DISPLACEMENT PRECISION VOLUMETRIC PUMP
- PART B: POSITIVE DISPLACEMENT PRECISION VOLUMETRIC PUMP
- BOTH PUMPS MADE OF REINFORCED STEEL FOR ABRASIVES

**VISCOSITY RANGE**
- 0 – 600.000 CPS

**VOLUMEN PER SHOT**
- ADJUSTABLE BY SOFT. CHECK MAX AN MIN VOL DEPENDING MACHINE MODEL
- SHOOT NUMBER ADJUSTABLE BY SOFT

**CONTROLS**
- INTEGRAL CONTROL OF ALL PARAMETERS AND OPTIONS BY SOFTWARE ON TOUCH SCREEN.
- VOLUME CONTROL, NUMBER OF SHOT, GEL TIME, TANK AND PIPE TEMPERATURE, AGITATION, DEGASIFICATION, ETC.
  SOFTWARE **INNOMIXFLOW PRO** INCLUDED WITH TOUCH SCREEN CONTROL

**ACCESSORIES INCLUDED**
- STATIC MIXERS
- STEEL *LINER* FOR TANK (MAINLY FOR HARDENER)
- NEEDLE KIT WITH DIFERENT GAUGES
- STATIC MIXER LUER LOCK ADAPTER FOR NEEDLES

**POWER SUPLLY**
- 400/230V 3 PHASES. FINAL POWER WILL BE CALCULATED ACCORDING MACHINE CONFIGURATION

**PNEUMATIC AIR**
- AIR SUPPLY 5.5 BARS / 80 PSI – 10 BARS / 145 PSI (MIN AND MAX)

**CERTIFICATION**
- CE

## EQUIPAMIENTO OPCIONAL

- 10 AND 30 LITER STAINLESS STEEL TANKS
- REGULABLE ELECTRONIC AGITATOR
- REGULABLE HEATING SYSTEM FOR 10 AND 30 LITER TANKS
- REGULABLE HEATING SYSTEM FOR MATERIAL HOSES
- DEGASIFIER BY ELECTRONIC PUMP
- SCALES WITH LOW LEVEL SENSOR
- CUSTOM INTEGRATIONS ON CUSTOMER LINES

- INNOMIX LC SERIES
- IR CURING OVENS
- UV CURING OVENS
- BENCHTOP AND IN-LINE DISPENSING AND CONFORMAL COATING ROBOTS



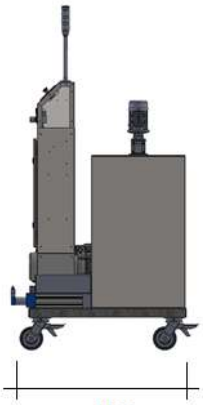
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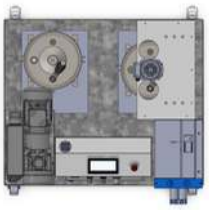


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# INNOMIX SCV SERIES DIMENSIONS



## INSTALLATION REQUERIMENTS

PNEUMATIC AIR SUPLLY NEEDS TO BE DRY AND WITH NO DUST, OIL, ETC.
AIR SUPPLY 5.5 BARS / 80 PSI – 10 BARS / 145 PSI (MIN AND MAX)

ELECTRIC POWER 110/230V 10A MAX. 50-60 HZ. (ONLY FOR HEATED JACKET)


## INTERNATIONAL SALES DEPARTMENT

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LOCAL DISTRIBUTOR

## OTRAS DE NUESTRAS SOLUCIONES









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