MONO-COMPONENT INJECTION MACHINE

Techni-Modul Engineering offers a complete range of production and laboratory injection machines for thermoset resin processing applications developed thanks to its deep knowledge and expertise of different manufacturing processes (RTM, VaRTM, C-RTM, Infusion).

This mono-component injection machine has been specifically designed to allow different pre-mixed resins or monocomponents to be injected. Available in two tank capacity (10 or 30L), it offers many standard features and options such as: pressure/flow regulation up to 25 bars, weighing scales, resin preheating, automatic cleaning module, upgradability to a bi-component model etc...





Enhance your injection cycle with a bunch of features



For a bi-component machine, please contact our sales team

RASI		
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TME/IM-MONO

PROCESS

RESIN TYPE

FLOW (CC/MIN)

√ISCOSITY

USEFUL STAINLESS STEEL TANK CAPACIT

TEMPED ATLIDE

POWER SUPPLY

INJECTION PRESSURE

MONITORING

	VARTM.		
1 7 1774.	- V/AIR I /V\.	CIRIM.	

EPOXY

300 MAX

 $10 > 20000 MM^2/S$

10L (30L IN OPTION)

20 > 120°C

SINGLE-PHASE 230V 50HZ/ SINGLE-PHASE 110V 60HZ

0 > 10 BARS

9,7" COLOUR HMI TOUCH SCREEN



STANDARD FEATURES

- Tank 10L
- Heating 120°C
- Injection pressure 10 bars
- Stearing
- HMI
- 2m long 120°C heating pipe
- Pressure and flow regulation



SOFTWARE

- Customizable settings: Recipes (number, volume, designation, tank temperature, injection flow/pressure, injection steps), Renewal purge, Weight scale, Cleaning cycle
- Alarms and reports
- Injection reports generation and exportation (.csv)
- 3 different modes available: User, Programming and Maintenance



OPTIONS

- Automatic cleaning
- 3m long heating pipe (basic equipment includes 2m long heating pipe)
- Useful stainless steel tank capacity of 30L
- Injection pressure up to 25 bars
- Weighing scales

TME AT A GLANCE

Techni-Modul Engineering is an industrial engineering company that designs, realizes and implements standardized and turn-key solutions in support of composite parts manufacturing. We provide optimized and innovative composite manufacturing solutions worldwide for various processes and for different functions.





