STANDARD MOLD
FOR SAMPLE PLATE

With more than 30 years of experience in the design and realization of molds, Techni-Modul Engineering (TME) has developed this standard mold for sample plate to complete laboratories equipments. This mold is suitable for processes such as (C)-RTM and FPTM (Final Pressure Transfer Molding).

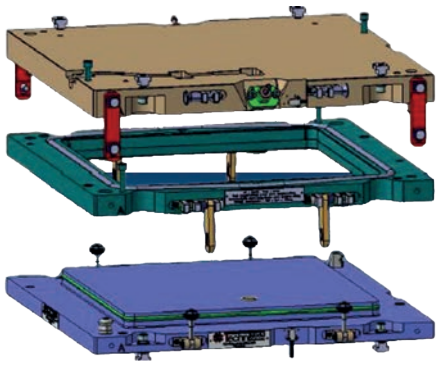
Available in 2 standardized sizes suitable for laboratory presses, the production of sample plates is done in a rigid, mechanically clamped mold. This mold will guarantee the quality of your samples.

For a precise, adjustable and modulable use, a pitch adjustment has been added in option to vary the thickness without changing the complete mold. In addition to this laboratory equipment, TME also offer standardized laboratory presses and the necessary on-site practical support for the production of sample plates.

TECHNI MODUL ENGINEERING
Composite Alliance Group Member

Designed to complete your laboratories equipments

BASIC EQUIPMENT	REFERENCES	
	TME/SPM-300	TME/SPM-500
SAMPLE PLATE SIZES (MM)	300X300 MM	500X500 MM
PRESS PLATEN SIZES REQUIRED (MM)	500X500 MM	700X700 MM
SINGLE PANEL THICKNESS	TO BE CHOSEN BETWEEN 1 MM TO 18 MM	TO BE CHOSEN BETWEEN 1 MM TO 18 MM
THICKNESS TOLERANCE	± 0,1 MM	± 0,1 MM
ROUGHNESS OF THE ENCLOSED INNER AERA	RA√0,8	RA√0,8



FEATURES

- 2 sizes of standard molds for sample plates suitable for Laboratory presses

These presses have been designed to equip laboratories or small production units.

ADVANTAGES

- Adjustable, non-sticky, unbreakable, resistant to extreme temperatures, easy to clean and extremely vacuum-tight (0,5 mbar)
- For a precise, quick and clean process
- Repeatable process which minimizes production variability

OPTIONS

- Adjustable thickness with a 0,1 mm pitch adjustment between 1-6 mm; 6-12 mm and 12-18 mm
- Self heating mold (by electrical system)
- Self heating/cooling mold (by fluid circulation)
- Homogeneity of heating of ± 1°C on the surface of the plate

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.

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