

250°C - 25T Hydraulic Lamination Hot Press with Dual Temp. Controller & Water Cooling Jacket, MTIC-EQHP88V



MTIC-EQHP88V consists of a hydraulic press with manually operated oil pump & two heated platens. The temperatures of heated platens are controlled by two digital temperature controllers separately up to 250°C. Water cooling jackets are installed with heating plate that allow heated plate get faster cooling. One pressure gauge (250 KN) is also mounted to monitor the pressure applied on the platens. It is an excellent tool to prepare polymer and ceramic samples.

SPECIFICATIONS:

Max. Working Pressure	25 metric Tone (250 KN)
Pressure Gauge	Measuring Accuracy is +/-1.25 KN
Heated Platen Area	<ul style="list-style-type: none"> Platen Area: 200mm x 200mm Material: Headen Steel with Cr plated Surface: Flating with CNC grinding
Max. Travel Distance	<ul style="list-style-type: none"> 140mm Max.
Max. Working Temperature	<ul style="list-style-type: none"> 200°C continous with water cooling 250°C for less 30 minutes
Heating Rate	<ul style="list-style-type: none"> 3°C/min
Water Cooling Jacket	<ul style="list-style-type: none"> Two water cooling jacket are built on back of top and bottom heating plate separately with 1/4" water pipe connectors. Such a configuration allows you cool the sample as soon as the hot pressing process is completed. Please consider to use one recircultion water chiller to save water and protect the environment (order separately by click picture below)

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Temperature Control	<ul style="list-style-type: none"> • Two digital controller installed in one box with one point control and auto-tune function • Temperature accuracy $\pm 1^{\circ}\text{C}$.
Power Requirement	<ul style="list-style-type: none"> • 110VAC or 220VAC (208 - 240V) (Please select the voltage in the option bar), 3000W max. • Note: <ul style="list-style-type: none"> ○ 20 Amps circuit breaker is required for 110V, 5' length power cable and standard <u>NEMA 5-20P</u> plug is included ○ 15A circuit breaker is required for 220V, 5' length power cable included, but no plug
Shipping Size	48"(L) x 40"(W) x 44"(H)
Shipping Weight	375 lbs
Warranty	<ul style="list-style-type: none"> • One year limited standard warranty (Extended warranty is available upto 5 years at extra cost)

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