



GenPress MFA Dual HYD Fully Automatic Dual Hydraulic Mounting Press – Hydraulic Controlled – 1-2” (25-50mm) Mold Assembly (other sizes available upon request)



ULTIMATE USER-FRIENDLINESS



LEADING DEPENDABILITY AND RELIABILITY



STRICT COMPLIANCE WITH INDUSTRY STANDARDS



STOCKED CONSUMABLES AND SPARES



TRUSTED AFTER SALES TECHNICAL SUPPORT



LIFETIME PRODUCT SUPPORT ADVANTAGE

Description

NextGen's GenPress MFA Dual HYD - Fully Automatic Mounting Presses for [Metallographic Sample Preparation](#) is an advanced automatic mounting press for compression mounting of material samples. The fully automatic mounting press system is controlled with a 7" touch screen controller where the parameters for heating, cooling and timing can all be adjusted and saved. GenPress - automatic hot mounting press can store up to 100 operator created programs which can be easily selected and repeated. The fully automatic metallographic mounting press system frees the operator to perform other tasks in the laboratory during the cycle and sounds an alarm when the cycle is completed.



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The MFA series - mounting presses has an integrated motorized system to apply the necessary compression to form quality samples. The unit is conveniently sized to be configured for any laboratory or production setting. Sample sizes are available in 1", 1.25", 1.5", 1.75", 2" as well as 25mm, 30mm, 40mm and 50mm. With the use of optional sample spacers, the MFA series - hot mounting presses can prepare one to two mounted samples in a single



cycle. This state-of-the-art automatic mounting press provides a cost effective option for a fully automatic metallography mounting press.

GenPress MFA Dual HYD Standard Configuration

- Mounting Press
- Mold Assembly (please identify which size of mold assembly upon ordering)
- Powder Spoon
- Funnel
- Water Inlet Pipe
- Drain Pipe
- Cleaning Brush
- 2x Dual Spacers
- Operation Manual



Watch Video



Watch the GenPress MFA Dual HYD Fully Automatic Dual Hydraulic Mounting Press – Hydraulic Controlled – 1-2" (25-50mm) Mold Assembly (other sizes available upon request) product video.

[WATCH ON YOUTUBE](#)



GenPress MFA Dual HYD Features

- High Quality ABS Shell allowing for a modern appearance with ease of cleaning and maintenance
- Touch Screen Control – 7" User Friendly Interface
- Precision Hydraulic Operated Cycles with Silent Operation
- Closed Loop Fully Automatic Process
- Integrated Cooling System allows for more efficient sample preparation times
- Molds can be customized depending on your size requirements
- Operated Manually or Automatically – depending on your requirements
- Up to 100 Sets of Cycle Memory
- Up to 4 samples can be produced in one cycle

[GET A QUOTE](#)



GenPress MFA Dual HYD Technical Specification

Model	GenPress MFA Dual HYD
Mold Diameter	Ø22/25/30/40/45/50mm or Ø 1"/1.25"/1.5"/1.75"/2"
Standard Features	Programmable database with the ability to store over 100 programs
System Pressure	0-300Bar
Pressure Setting Range	0-60Bar
Heater Power	4KW
Temperature Range	0 - 200 °C adjustable
Time Range	0-99min
Cooling Down Time Range	0-99min
Pressure Loading	Automatic loading pressure (by hydraulic system)
Cooling	Water cooling (Chiller available as an optional purchase)
Mounting Program	Can edit and save over 100 mounting programs
Operation and Display	7-inch touch screen
Working mode	Automatic and/or Manual Operation
Total Power	4.5KW
Power Supply	AC220V 50/60 Hz
Dimension & Weight	30" x 23" x 22"; 209lbs / 760 x 580 x 550mm; 95kg