



## GenPress MFA HYD – Fully Automatic Hydraulic Mounting Press – Hydraulic Controlled – 1-2” (25-50mm) Mold Assembly



ULTIMATE USER-FRIENDLINESS



LEADING DEPENDABILITY AND RELIABILITY



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### Description

NextGen's [MFA Series - Fully Automatic Mounting Press](#) 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 GenPress MFA system frees the operator to perform other tasks in the laboratory during the cycle and sounds an alarm when the cycle is completed.

YouTube Video URL: [https://youtu.be/eN978TPg\\_o](https://youtu.be/eN978TPg_o)

The MFA series - mounting presses has an integrated hydraulic 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.

### Fully Automatic Mounting Press 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
- Dual Spacer
- Operation Manual



## GenPress MFA 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 2 samples can be produced in one cycle

## Fully Automatic Mounting Press Technical Specifications

Model	GenPress MFA
Mold Diameter	Standard Ø40mm (option:Ø22/25/30/45/50mm)
Mosaic programming	Programmable database with the ability to store over 100 programs
System Pressure	0-300Bar
Pressure Setting Range	0-60Bar
Heated Power	2KW
Mosaic temperature Range	0 - 200 °C adjustable
Mosaic 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” touch screen
Working mode	Automatic and / or Manual operation
Total Power	2.2kW
Power Supply	AC220V 50/60 Hz
Dimension & Weight	18” x 24” x 20”; 143lbs / 460 x 600 x 500mm; 65kg



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\* Request a [formal quotation](#) or send an e-mail to [sales@nextgentest.com](mailto:sales@nextgentest.com) for the most up-to-date pricing and applicable discounts and incentives.