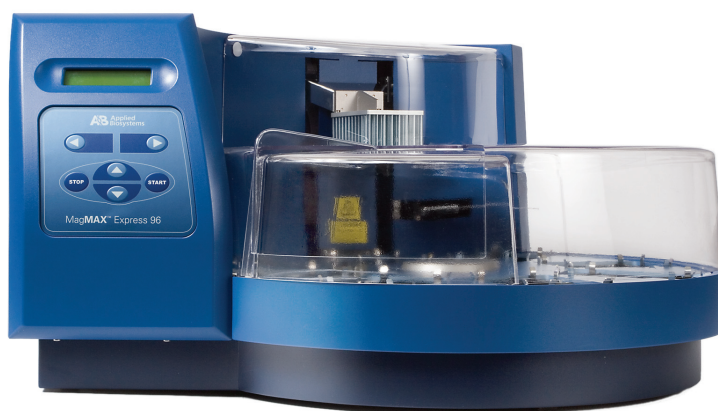


# MagMAX™ Express Magnetic Particle Processors

- Proven to work with the MagMAX Sample Preparation System
- Superior nucleic acid recovery and cross contamination control
- Two configurations for higher or lower throughput
- Compatible with magnetic bead-based sample preparation kits
- Easy-to-use with pre-loaded programs
- Reliable service and support from Applied Biosystems



The MagMAX™ Express magnetic particle processors are ideal for automated magnetic-bead-based extraction of nucleic acids using the MagMAX Sample Preparation System. Two configurations are available: the MagMAX Express for low throughput processing, and the MagMAX Express-96 for high throughput environments.

### Advanced Technology

Most automated liquid handling systems move reagents into and out of a single well to perform the different steps of nucleic acid isolation. In contrast, the MagMAX Express utilizes permanent rods to collect magnetic beads from solution and releases the beads into the well containing reagents for the next

step of isolation. The effectiveness of bead collection and transfer leads to superior washing, elution efficiency, and rapid processing.

### Independent Movement Control

The MagMAX Express and MagMAX Express-96 magnetic particle processors utilize permanent magnetic rods and disposable tip combs with independent movement control. When the magnetic rod—sheathed inside the tip comb—is lowered into solution, magnetic beads collect at the bottom of the tip comb. The tip comb can then be positioned in a different well or plate and the beads can be released by moving the magnetic rods out of the tip comb. The tip comb also mixes the reagents and magnetic beads.

### MagMAX™ Express



### MagMAX™ Express-96



Processing Volume	20–200 µL	10–1000 µL
Capacity	up to 24 samples/run	96 samples/run
Collection efficiency of the particles	>99%	>95%
Optimal particle size	0.5–10 µm	0.8–10 µm
Magnetic rods (fixed)	2x12 format	96 in one frame interchangeable magnet heads
Microplates (disposable)	Capacity 2 plates, 2x12 separate strips	KF 96 plate, Deep well plate
Tip combs (disposable)	Special design, 2x12 format	Deep well magnet, KF magnet
Processing temperature	Ambient (no heating block)	Ambient (heating block adjustable RT +4°C to +96°C)
Dimensions WxDxH (cm)	30x30x30	68x60x38
Weight	11.5 kg	~28 kg
Software	Preloaded software	Preloaded software
Keyboard/Display	START/STOP/four cursor keys/LCD	START/STOP/four cursor keys/LCD

#### ORDERING INFORMATION

Description	P/N	Description	P/N
<b>Magnetic Particle Processors</b>		<b>Combs</b>	
MagMAX™ Express*	4400074, 4400075	MagMAX™ Express tip combs	4388452
MagMAX™ Express-96 Standard, 100-240V*	4400076, 4400078	MagMAX™ Express 96 standard tip combs	4388488
MagMAX™ Express-96 Deep Well, 100-240V*	4400077, 4400079	MagMAX™ Express 96 deep well tip combs	4388487
<b>Accessories</b>		<b>Plates</b>	
MagMAX™-96 Head KF 96 Plate	4388434	MagMAX™ Express plates	4388474
MagMAX™-96 Head Deep Well Plate	4388435	MagMAX™ Express 96 standard plates	4388475
		MagMAX™ Express 96 deepwell plates	4388476

\*Please inquire with an AB sales representative to select the appropriate model.

For more information on MagMAX™ Nucleic Acid Isolation Kits, visit [www.ambion.com/techlib/resources/automation](http://www.ambion.com/techlib/resources/automation).

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