



autoMACS® Pro Separator

Instrument specifications

Description

The autoMACS® Pro Separator is a compact, high performance immunomagnetic cell separation instrument with fully automated functions ideal for the processing of multiple samples with minimal hands-on manipulation. Magnetic-labeling, separation of cells,

and system rinsing are completely automated.

Using software with intuitive screens, up to six separations can be programmed in one step.

Moreover, the autoMACS Pro Separator uses various separation programs for the flexible isolation of virtually any cell type from different species and tissue types.

Operation details	
Size (width×depth×height)*	605×353×392–460 mm (23.9×13.9×15.4–18.1") (adjustable touchscreen)
Size with MiniSampler (width×depth×height)*	605×456×392–460 mm (23.9×17.9×15.4–18.1") (adjustable touchscreen)
Weight	25 kg
Power requirements (Separator)	100–240 VAC, 50/60 Hz
Power consumption	200 VA
Emission sound pressure level at workstation	<70 dB(A)
Programs	10 preset
Protocol	Single and double column enrichment, positive selection, depletion, and untouched isolation

*Depending on the type of power plug chosen, the depth increases by 27 mm or 62 mm.

Sample Volume	
Sample volume input	0.25 mL–50 mL
Whole blood processing volumes	0.25 mL–15 mL
Column capacity	4×10 ⁹ total cells/sample 2×10 ⁸ magnetically labeled cells/sample

Accessories	
Chill 5 Rack (# 130-092-951)	Chill Rack for 5 mL tubes
Chill 5 Rack (# 130-097-041)	Box of 3 Chill 5 Racks
Chill 15 Rack (# 130-092-952)	Chill Rack for 5 and 15 mL tubes
Chill 15 Rack (# 130-097-036)	Box of 3 Chill 15 Racks
Chill 50 Rack (# 130-092-953)	Chill Rack for 5, 15, and 50 mL tubes
Chill 50 Rack (# 130-097-037)	Box of 3 Chill 50 Racks

Accessories	
Chill 5, 15, 50 Rack Set (# 130-097-038)	Set of 3 Chill Racks
MACS Reagent Rack 4 (# 130-094-574)	Accommodates 4 vials of reagents
Air-Filter Extension Set (# 130-091-339)	Extension tube and hydrophobic air filter for fluid bottles
autoMACS Pro Laminar Hood Plate (# 130-093-246)	Metal plate for operating the autoMACS Pro Separator in a laminar flow hood
autoMACS Pro Angle Connector Set (# 130-093-245)	Space-saving angle adaptors for cables connecting to the autoMACS Pro Separator
autoMACS Pro Protection Cover (# 130-093-532)	

Consumables	
Buffers	autoMACS Running Buffer (# 130-091-221) autoMACS Pro Washing Solution (# 130-092-987) autoMACS Rinsing Solution (# 130-091-222)
autoMACS Column (# 130-021-101)	

Reagents	
MicroBeads	Automated cell separation is compatible with all of our MicroBeads. For further information visit www.macscellseparation.com

Service and Support	
Warranty	1 year warranty

Service Contracts	Full Service Premium	Full Service	Planned Maintenance	One-Time Maintenance on-demand*	Full Service Premium Plus	Full Service Plus	Planned Maintenance Plus
Planned maintenance (PM)	✓	✓	✓	✓	✓	✓	✓
Replacement of wearing parts	✓	✓	✓	✓	✓	✓	✓
Device software updates	✓	✓	✓	✓	✓	✓	✓
Labor, shipment, and associated PM logistic costs	✓	✓	✓	✓	✓	✓	✓
Maintenance intervals (PM per year)	1	1	1	1	2	2	2
Repair and replacement	✓	✓			✓	✓	
Labor and travel expenses required to perform service	✓	✓			✓	✓	
Replacement parts	✓	✓			✓	✓	
Loaner equipment service	✓				✓		
Technical support services	✓	✓	✓	✓	✓	✓	✓
Service documentation	✓	✓	✓	✓	✓	✓	✓
Order numbers	# 160-001-255	# 160-001-254	# 160-001-256	# 160-001-252	# 160-001-304	# 160-001-306	# 160-001-252

* No service contract is required for the "one-time maintenance on-demand" option. A one-time service is simply performed on-demand.



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