

# Midmark M3 UltraFast® vs. SciCan STAT/M® 2000

	M3 UltraFast	STAT/M 2000	Comments
<b>Unit Size (L x W x H)</b>	22" x 18.8" x 6.9" (55.9 x 45.2 x 17.5 cm)	19" x 16.25" x 6" (48 x 41.5 x 15 cm)	M3 overall length measurement includes the electrical plug.
<b>Unit Weight (w/o water)</b>	71 lbs (32.2 kg)	46 lbs (21 kg)	M3 is a true chamber sterilizer, utilizing ASME Boiler & Pressure Vessel certification identical to Midmark M9/M11, and includes a steel safety cage encapsulating the sterilization chamber.
<b>Unit Weight (w/full reservoir)</b>	80 lbs (36.3 kg)	55 lbs (25.1 kg)	M3 has 13 % more water reservoir capacity.
<b>Unit Shipping Weight</b>	80 lbs (36.3 kg)	54 lbs (24.5 kg)	M3 is UPS shippable.
<b>Sterilization Chamber Volume</b>	.49 gal (1.8 liters)	.43 gal (1.8 liters)	M3 liter volume is usable volume.
<b>Tray (sterilization) Area</b>	85 sq in (548 sq cm)	77 sq in (497 sq cm)	M3 has 10 % more tray sterilization processing capacity.
<b>Tray Weight</b>	2.7 lbs (1.2 kg)	3 lbs 1.36 kg	M3 Door Tray is counter balanced so that the weight load is balanced with a full tray.
<b>Water Reservoir Capacity</b>	1.2 gal (4.5 liters)	1.06 gal (4.0 liters)	M3 has 13 % more water reservoir capacity.
<b>Recommended Water</b>	Steam Distilled	Steam Distilled; <5 ppm dissolved solids	M3 has no water quality sensor in the reservoir; any steam distilled water will work.

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<b>Water Level Sensor</b>	Yes	Yes	M3 will not start a sterilization cycle if there is insufficient water level to complete the cycle; message flashes on the LCD display.
<b>External Condensing Tank</b>	Yes	Yes	M3 Condensing Tank provides a convenient carrying handle.
<b>External Condensing Tank Water Level Sensor</b>	Yes	No	M3 will not start a sterilization cycle if the Condensing Tank is full; message flashes on the LCD display.
<b>Electrical Requirements</b>	115V, 50/60Hz, 12 A 230V, 50/60Hz, 6 A	110-120V, 60Hz, 11.3 A	M3 is available in both 115 V and 230V (separate models).
<b>Automatic Door</b>	Yes, patented	No	M3 provides fully automatic door tray opening and closing.
<b>Door Gasket Replacement</b>	3 years or 2,500 cycles	600-800 cycles	M3 door gasket can be changed in 3 minutes.
<b>Air Removal Method</b>	Steam-Flush Pressure-Pulse	Steam-Flush Pressure-Pulse	M3 mirrors M9/M11 software design parameters.
<b>Cycle Times:</b>			
<b>Unwrapped</b>	6 min 25 min dry TOTAL - 31 min	6 min 60 min dry TOTAL - 66 min	M3 uses unique surface heaters on the chamber top and bottom to produce heated drying vs. air drying only with StatIM 2000.
<b>Pouches/Wrapped</b>	10.5 min 30 min dry TOTAL - 40.5 min	14 min 60 min dry TOTAL - 74 min	M3 uses unique surface heaters on the chamber top and bottom to produce heated drying vs. air drying only with StatIM 2000.

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	24.5 min	20 min	
<b>Low Temp/Rubber/Plastic</b>	50 min dry	60 min dry	M3 uses unique surface heaters on the chamber top and bottom to produce heated drying vs. air drying only with StatIM 2000.
	TOTAL - 74.5 min	TOTAL - 80 min	
		Filtered Air	
<b>Dry</b>	Heated Chamber	Non-Heated	M3 utilizes steam release and heat to dry instrument load; requires no air filter maintenance as does the StatIM 2000.
	20-60 min programmable	60 min	
		non-programmable	

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