

## FMB20 and MR850 comparison list

S/N	Features	FMB20	MR850
1	Display	2.8 inch LCD display (show patient end & chamber outlet temp; humidity; running time; operation mode; fault display; setting, etc.)	LED display (show chamber or airway temperature)
2	Temperature setting	yes, set airway point temperature apace and chamber point temperature, In/Exp value	yes, set chamber point temperature by compensatiom algorithm
3	Default temperature	airway set point, chamber set point, In/Exp	chamber point point
4	Airway and chamber set point temperature display	yes. Same	yes. Same
5	Humidity display	yes	no
6	Run time display	yes	no
7	rtc time display	Yes	no
8	Working mode	Invasive mode: w/ and w/o heater wire Non-invasive mode: w/ and w/o heater wire	Invasive mode: w/ and w/o heater wire; Non-invasive mode: w/ and w/o heater wire
9	Low temperature alarm	yes	yes
10	High temperature alarm	yes	yes
11	Water out alarm	yes need 20 min	yes need 20 min
12	Probe alarm	yes	yes
13	Chamber not installed	yes	no
14	Low humidity alarm	yes	Yes
15	Heater wire alarm	yes	only insp heater wire
16	Warm-up time	less than 25 min	less than 30 min
17	Non-heater wire OR single heater wire	yes	<b>only non-heater wire(yes)</b>
18	Alarm method	simulant setup indicator flashes and audible	LED setup indicator flashes and audible alarm
19	Default set temperature	39°C (invasive mode, airway set point) 36°C chamber set point	37°C (invasive mode, chamber set point)
20		34°C (non-invasive mode, airway set point) 31°C chamber set point	31°C (non-invasive mode, chamber set point)
21	Temperature range	35-40°C (invasive mode)	chamber outlet: 35.5-42°C , airway: 35-40°C (invasive mode)
22		30-37°C (non-invasive mode)	chamber outlet: 31-36°C , airway 28-34°C (non-invasive mode)
24	Temperature Display	Chamber and Airway Temp	Chamber and Airway Temp
25	Heater plate thermal cutout	118±7°C	118±6°C
26	Heater plate capacity	150W	150W
27	Heater wire supply	24VDC 2.73A	22VAC 2.73A Max 50/60Hz
28	Accuracy	±0.5°C (Temperature range 22-45°C , stable flow status)	±0.3°C (in 25 to 45°C temperature range)
29	Breathing Circuit	yes	yes
30	Setup Indicator	yes	yes
31	Power supply	110-127 VAC 50/60HZ 220-240 VAC 50/60HZ	230VAC 50/60HZ
32	Adult chamber (Autofeed)	yes	yes
33	Dedicated Neonatal chamberr(Autofeed)	yes	no
34	Weight	1.9kgs	
35	Price	USD890	USD1600