

Dry Dental Suction Unit

HEALTH & SAFETY BENEFITS

- Protects healthcare workers from airborne contaminants
- High-flow suction efficiently removes aerosols and droplets
- Reduces risk of cross-infection between patients and staff
- Improves procedural visibility for safer and more precise treatments



PATIENT COMFORT & SAFETY

- Improves comfort throughout dental procedures
- Efficient suction minimizes swallowing reflex discomfort
- Extended suction mode reduces the need for patients to adjust their position
- Prevents saliva backflow, lowering cross-infection risks



HIGH-STANDARD OPERATORY ENVIRONMENT

- Negative pressure sealed ductwork eliminates unpleasant clinic odors
- Quiet operation ensures a more comfortable and distraction-free environment
- Zero water usage saves costs and supports environmental sustainability
- Helps create a cleaner, greener, and more professional dental practice



Item	Power Supply	Motor Power	Applicable Dental Chairs	Noise	Negative Pressure	Air Flow Rate
FM-750L	220V/50Hz 110V/60Hz	550W	2	45-50dB	≥1.1kpa	400L/min
FM-750LT	220V/50Hz 110V/60Hz	750W	3	45-50dB	≥1.2kpa	600L/min
FM-750X	220V/50Hz 110V/60Hz	1100W	5	55-60dB	≥1.5kpa	900L/min
FM-1100X	220V/50Hz 110V/60Hz	1500W	7	65-70dB	≥1.7kpa	1200L/min

FM-750L



FM-750LT



FM-750X



FM-1100X



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Item	Power Supply	Current	Motor Power	Applicable Dental Chairs	Liquid Handling Capacity	Water Consumption	Air Flow Rate	Noise
FM-750LT	220V/50Hz	2.6A	1100W	4	6L/min	1L/min	850L/min	50DB
FM-750X	220V/50Hz 110V/60Hz	3.4A	1500W	6	9L/min	1.2L/min	1300L/min	52DB
FM-1100X	220V/50Hz 110V/60Hz	4.9A	2000W	8	12L/min	1.5L/min	700L/min	55DB
FM-1100L	220V/50Hz 110V/60Hz	4.9A	2350W	10	26L/min	1.5L/min	2600L/min	60DB
FM-1300LS	220V/50Hz 110V/60Hz	6.3A	3000W	12	29L/min	1.5L/min	3000L/min	65DB

Elegant and modern design



Integrated circuit design



Front-mounted water filter



Exclusive vacuum pump drainage



3 DENTAL MOBILE SUCTION UNIT

Dental-specific design — the new choice for dentists

Item	Power Supply	Motor Power	Current	Noise	Maximum Vacuum	Water Tank Capacity
FM-370X	220V/50Hz 110V/60Hz	120W	0.6A 2A	≤50dB	-110mbar	4L
FM-370X+	220V/50Hz 110V/60Hz	400W	1.5A 2.8A	≤50dB	-200mbar	4L



Convenient Foot Pedal Control
for Easy and Safe Operation



Stylish Acrylic Touch Panel
for Effortless and Responsive Control



Ergonomic Dual Handles
for Effortless Switching Between
Strong and Weak Suction



Multi-Function Power Interface
for Seamless Connection
of Various Devices

FD-370X

Powerful Suction

- Medical suction pump with strong suction and ultra-quiet operation.
- Adjustable flow rate on the handle for easy switching to meet your needs.

Easy to Use

- One-touch waste discharge with a large-capacity waste container.
- No manual cleaning required, ensuring cleanliness and hygiene.
- Dedicated quiet casters enable smooth mobility and versatile use.

Stylish Design

- Easy to clean, durable, and maintains a like-new texture.
- Simple and intuitive operation.

Infection Control & Disinfection

- Two start control modes: footswitch and manual button, suitable for different treatment scenarios.
- 5-second delayed saliva suction after unit shutdown prevents liquid residue in the tube and avoids cross-infection.

Cleaning-Free Waste Tank

- Electric Discharge — No Manual Cleaning
- Hidden Tank for Hygiene & Cleanliness

Dentist-Focused Functions

- Powerful & Silent Medical Suction Pump
- Touch & Foot Pedal Dual Control
- Oral Cavity Dedicated Handle

Full Infection Control

- 5s Delay Stop — Prevents Cross-Infection
- High-Temp Silicone Tubing — Autoclavable

More Reliable Performance



Premium Components,
Handpicked for Superior Quality



Independently Controlled Motor
for Effortless Operation and Maintenance



Smart Electronic Control System
Delayed Motor Start for Smooth Operation
Live Digital Readout of Operating Parameters



Effortless Maintenance with Smart Drain Function
(Optional)

Built to Last—The Foundation of Quality



Low Heat Rise & Low Noise Level



Precision Wear-Resistant Coating
Imported Piston Rings
Durable & Long-Lasting



Pure Copper Fittings
Pressure-Resistant Hoses
Rustproof & Leak-Proof Design



Flexible Configuration

Optional Upgrade to a Silenced
Air Compressor for Quieter
Performance

M-1EW-32



M-4EW-60



M-8EW-150



M-10EW-180



M-2EW-32



M-6EW-120



Item	Power Supply	Current	Motor Power	Applicable Dental Chairs	Air Flow Rate	Tank Capacity	Noise	Rotating Speed	Starting Pressure	Discharge pressure
M-1EW-32	220V/50HZ 110V/60HZ		550W	1	70L/Min	32L	55-62dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa
M-2EW-32	220V/50HZ 110V/60HZ	4.0A 8.0A	850W	2	105L/Min	32L	54-64dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa
M-3EW-60	220V/50HZ 110V/60HZ	5.6A 10.8A	1150W	3	140L/Min	60L	65-68dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa
M-4EW-60	220V/50HZ 110V/60HZ	8.0A 16.0A	1750W	4	210L/Min	60L	65-68dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa
M-5EW-90	220V 110V	1.4A 6.2A	1650W	5	210L/Min	90L	68-72dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa
M-6EW-120	220V/50HZ 110V/60HZ	12.0A 24.0A	2550W	6	315L/Min	90L	72-75dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa
M-8EW-150	220V/50HZ 110V/60HZ	16.0A 32.0A	3400W	7	420L/Min	128L	76-80dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa
M-10EW-180	220V/50HZ 110V/60HZ	20.0A 40.0A	4250W	8	525L/Min	150L	81-84dB	1390r/Min	0.5±0.05Mpa	0.8±0.05Mpa

Options For Dental Air Compressor



Color



GSE Motor



Painting Inside



Air pressure reducing valve



Dryer



Silencer Enclosure



Automatic Drainage

Spare For Dental Air Compressor



Motor



Pressure Switch



Rubber Cup



Cylinder Liner



Solenoid Valve



Silencer Box



Air Pressure Gauge



Capacitor



Stainless Steel Tube



Delayed Start Device

Spare Part For Mobile Suction



Circuit Board



Filter



Drainage Pump



Solenoid Valve



Motor

Options for Central Suction



Silencer



Pneumatic Selector Valve



Electric Selector Valve

Spare Part for Central Suction



Motor



Capacitor



Circuit Board



Variable Frequency Drive

Packing Specifications

Product Name	Item No.	Product Dimensions / cm	Package Type	Package Dimensions / cm	Volume / m ³	Net Weight / kgs	Gross Weight / kgs
Dental Air Compressor	M-1EW-32	40*40*60	Carton Box	45*45*65	0.13	23	24
	M-2EW-32	40*40*62	Carton Box	45*45*67	0.14	24	25
	M-3EW-60	80*40*68	Carton Box	86*43*73.5	0.27	47	49
	M-4EW-60	80*40*70	Carton Box	86*43*76.5	0.28	49	51
	M-5EW-90	65*35*68	Plywood Case	105*49*91	0.47	64	85
	M-6EW-120	95*35*70	Plywood Case	105*49*91	0.47	67	88
	M-8EW-150	110*50*78	Plywood Case	124*57*94	0.67	85	115
	M-10EW-180	125*45*80	Plywood Case	142*64*93	0.85	105	140
Mobile Suction Machine	FM-370X	44*42*90	Carton Box	46*40*80	0.15	20	22
	FM-370X ⁺	43*40*95	Carton Box	48*41*82	0.16	27	29
Dry Central Suction Machine	FM-750L	38*38*63	Plywood Case	50*50*79	0.20	25	40
	FM-750LT	38*38*63	Plywood Case	50*50*79	0.20	25	40
	FM-750X	43*43*70	Plywood Case	57*57*88	0.29	45	60
	FM-1100X	43*43*70	Plywood Case	57*57*88	0.29	45	60
	FM-750LT	58*40*53	Carton Box	48*79*77	0.29	60	73
Wet Central Suction Machine	FM-750X	58*40*53	Carton Box	48 79*77	0.29	60	73
	FM-1100X	58*40*53	Carton Box	48*79*77	0.29	60	73
	FM-1100L	70*45*58	Plywood Case	89*60*86	0.46	80	110
	FM-1300LS	70*45*58	Plywood Case	89*60*86	0.46	80	110