

Leading aerosol control system to protect dental professionals



DuraMax[®]

Extraoral Suction System



This aerosol control system removes contaminants produced during dental procedures including droplets, aerosols, blood, dust, and virus and uses the most advanced Quattro layer filtration system to kill virus and bacteria absorbed with over 99.9% efficiency.

During treatments, a high volume of droplets and aerosols are produced by high-speed handpieces, ultrasonic scalers, and air water syringe that can linger in the air for up to two hours. This places practitioners and office staff health at risk of infections.

DuraMax Extraoral Suction System will effectively remove these droplets and aerosols from the immediate treatment site thereby reducing the potential danger from dental aerosols and keep the air in your office safe and clean.



Remote Control

Features

EFFICIENT FILTRATION

4 layer filtration system including 1 HEPA H14 (0.1µm 99.99%) filtration plus germicidal UV-C

POWERFUL MOTOR

10 levels of power control with up to 270 CFM capacity

SLEEK

Compact and portable design

CONVENIENT

Unit comes with a handy remote control for smooth operation

LOW NOISE LEVEL

Built-in noise reduction technology to keep sound level below 55 decibels

Easy Filter Replacement Design



STAGE 1:
Primary Filter
Eliminate droplet, aerosol, and dust

STAGE 2:
Secondary Filter
Eliminate blood and aerosol

STAGE 3:
HEPA H14 Filter
Eliminate virus, bacteria size $\geq 0.1\mu\text{m}$ 99.99%

STAGE 4:
Activated Carbon Filter
Eliminate Odor

STAGE 5:
Germicidal Lamp UV-C
Kills viruses and bacteria

Clean
Fresh
Air



"In the context of COVID-19, airborne transmission may be possible in specific circumstances and settings in which procedures or support treatments that generate aerosols are performed"

--- World Health Organization (WHO)

Key Specifications

| | |
|-----------------------------|--|
| Model | DuraMax X1 |
| Voltage | AC110V, 60Hz |
| Power | 350W |
| Speed Options | 10 |
| Ultraviolet C (UV-C) | 254nm Spectrum, 2 pieces of 8W |
| Maximum Motor Volume | 270 CFM |
| Filtration | Four layers (including 1 HEPA H14 0.1µm 99.99%) |
| Noise Level | ≤55dB |
| Head Diameter | 2.95 inches |
| Arm Reach | 1.4 m |
| Unit Weight | 48 lbs |
| Shipping Weight | 51 lbs |
| Shipping Dimension | L20.5 x W16 x H23.25 inches (L52 x W41 x H59 cm) |
| Unit Dimension | L16.5 x W12 x H20 inches (L42 x W30.5 x H46 cm) |
| Warranty | 30 months |

Order Info

| Code | Model |
|-----------|---|
| PPS101 | DuraMax X1 Extraoral Suction System, 110V |
| PPS102 | S1 Filter |
| PPS103 | S2 Filter |
| PPS104 | S3 Filter |
| PPS105 | S4 Filter |
| 859031052 | UV light tube |

Under normal environmental conditions filters should be replaced every 6-12 months.

Current recommendations for filter replacement schedule for best practice may vary.



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