

Leading aerosol control system to protect dental professionals from COVID19



DuraMax[®]

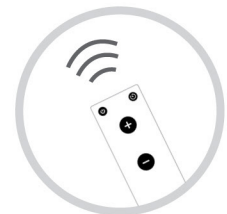
Extraoral Suction System



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 HEPA (0.3 μm 99.97%) filtration plus germicidal UV-C

POWERFUL

10 levels of power control with up to 265 CFM capacity

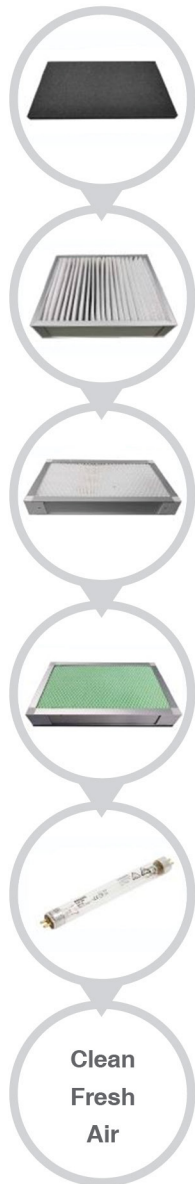
SLEEK

Compact and portable design

CONVENIENT

Unit comes with a handy remote control for smooth operation

Easy Filter Replacement Design



STAGE 1:

Primary Filter

Eliminate droplet, aerosol, and dust

STAGE 2:

Secondary Filter

Eliminate blood and aerosol

STAGE 3:

HEPA Filter

Eliminate virus, bacteria size $\geq 0.3\mu\text{m}$ 99.97%

STAGE 4:

Activated Carbon Filter

Eliminate Odor

STAGE 5:

Germicidal Lamp UV-C

Kills viruses and bacteria



"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
Suction	8.2 Kpa
Speed options	10
Ultraviolet C (UV-C)	254nm Spectrum, 10W
Maximum volume	7500L/Min, 265 CFM
Filtration	Four layers HEPA 0.3µm 99.97%
Noise Level	≤ 55dB
Head Diameter	75mm
Arm Reach	1.4m
Unit Weight	28Kg
Shipping Weight	33Kg
Shipping Dimension(mm)	L500 x W370 x H595
Unit Dimension(mm)	L400 x W255 x H595
Warranty	30 months



Order Info

Code	Model
PPS101	DuraMax X1 Extraoral Suction System, 110V
PPS102	S1 Filter, Replace every month
PPS103	S2 Filter, Replace every 3 month
PPS104	S3 Filter, Replace every 3 Month
PPS105	S4 Filter, Replace twice a year



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Printed in Canada
 File #: ENB029
 Rev. 4/05.05.20

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