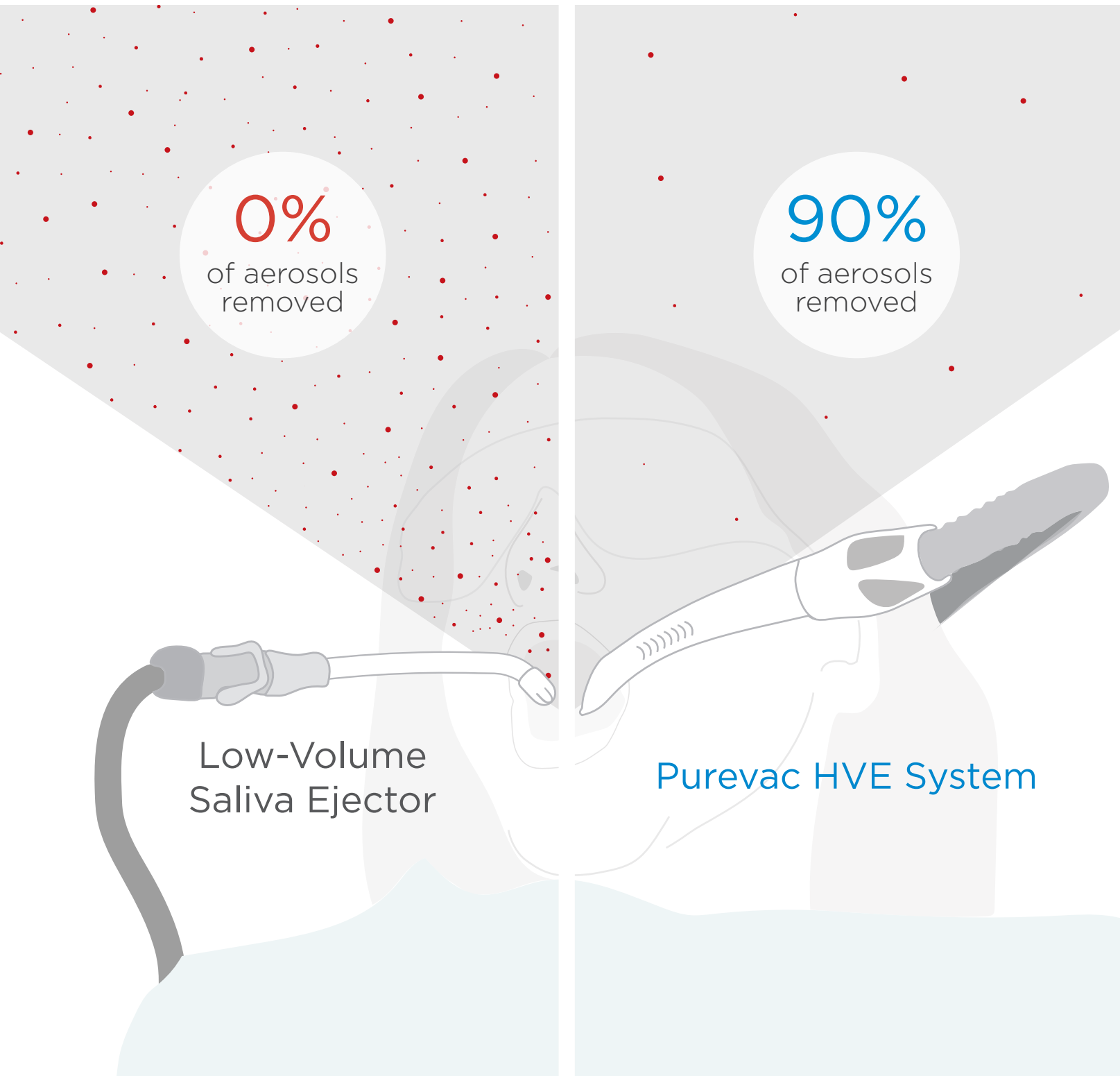


# Creating an environment with fewer potentially harmful aerosols

In a research study, **HVE removed 90% more aerosols** during ultrasonic scaling compared to a low-volume saliva ejector.<sup>5</sup>



## Maintaining the Purevac® HVE Hose Adapter

Dentsply Sirona recommends Purevac® SC Evacuation System Cleaner and VoloWipes® Disinfecting Wipes for proper cleaning and disinfecting of the Purevac® HVE Hose Adapter.



### Ordering Information



P/N	Description	Contents
11000	Purevac® HVE System Kit	1 HVE Hose Adapter and 3 HVE Mirror Tips
11010	Purevac® HVE Mirror Tips – 3 pack	3 HVE Mirror Tips
11020	Purevac® HVE Mirror Tips – 12 pack	12 HVE Mirror Tips
21132	Purevac® SC Evacuation System Cleaner	2L
21135	Purevac® SC Evacuation System Cleaner	5L
21116	Purevac® SC Evacuation System Cleaner Dispenser	1 Bucket
90100	VoloWipes® Disinfecting/Deodorizing/Cleaning Wipes	150 Wipes

1. Al Maghlouth A, Al Yousef Y, Al Bagieh N. Qualitative and Quantitative Analysis of Bacterial Aerosols. J Contemp Dent Pract 2004 November;(5)4:091-100.  
 2. Milejczak CB. Optimum Travel Distance of Dental Aerosols in the Dental Hygiene Practice. J Dent Hyg. 2005 October;81(4):20-21  
 3. Christensen, R., PhD. (2006, November 1). Aerosols. Retrieved January 23, 2018, from <http://www.dentistryiq.com/articles/wdj/print/volume-4/issue-10/you-and-your-practice/aerosols.html>  
 4. Harrel SK, Molinari J. Aerosols and splatter in dentistry: a brief review of the literature and infection control implications. J Am Dent Assoc 2004, 135, 429-437  
 5. Jacks MJ. A laboratory comparison of evacuation devices on aerosol reduction. J Dent Hig 2002, 76, 202-206.

For more information, visit [dentsplysirona.com/practiceprotect](https://dentsplysirona.com/practiceprotect)

THE DENTAL  
SOLUTIONS  
COMPANY™



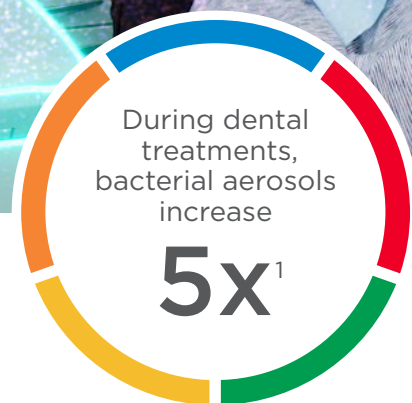
## Purevac® HVE System with Mirror Tips and Hose Adapter



High Volume Evacuation  
and Mirror in a Single  
Instrument



Procedures that generate aerosols and splatter can present safety risks for all patients and dental professionals.



According to the JADA published article, "Aerosols and splatter in dentistry: a brief review of the literature and infection control implications",

The ADA and CDC recommend that all blood-contaminated aerosols and splatter should be minimized.<sup>4</sup>

OSHA regulations state that, "all procedures involving blood or other potentially infectious materials shall be performed in such a manner as to minimize splashing, spraying, splattering, and generation of droplets of these substances."<sup>4</sup>

In the CDC guidelines for infection control in dental settings, the use of HVEs are considered to be "appropriate work practices" — precautions that always should be followed during dental procedures.<sup>4</sup>

The use of a high-volume evacuator, or HVE, has been shown to reduce the contamination arising from the operative site by more than 90%.<sup>4</sup>

## Providing visibility and suction all in one hand

The new Purevac HVE System enables a one-handed approach to evacuating fluid and debris while facilitating retraction, visibility, and illumination during the ultrasonic scaling procedure.



### Easier Maneuverability

69% lighter & 130% more flexible than a standard HVE hose

360° swivel

### Greater Fluid Reduction

135% more than a low-volume saliva ejector

### Better Visibility

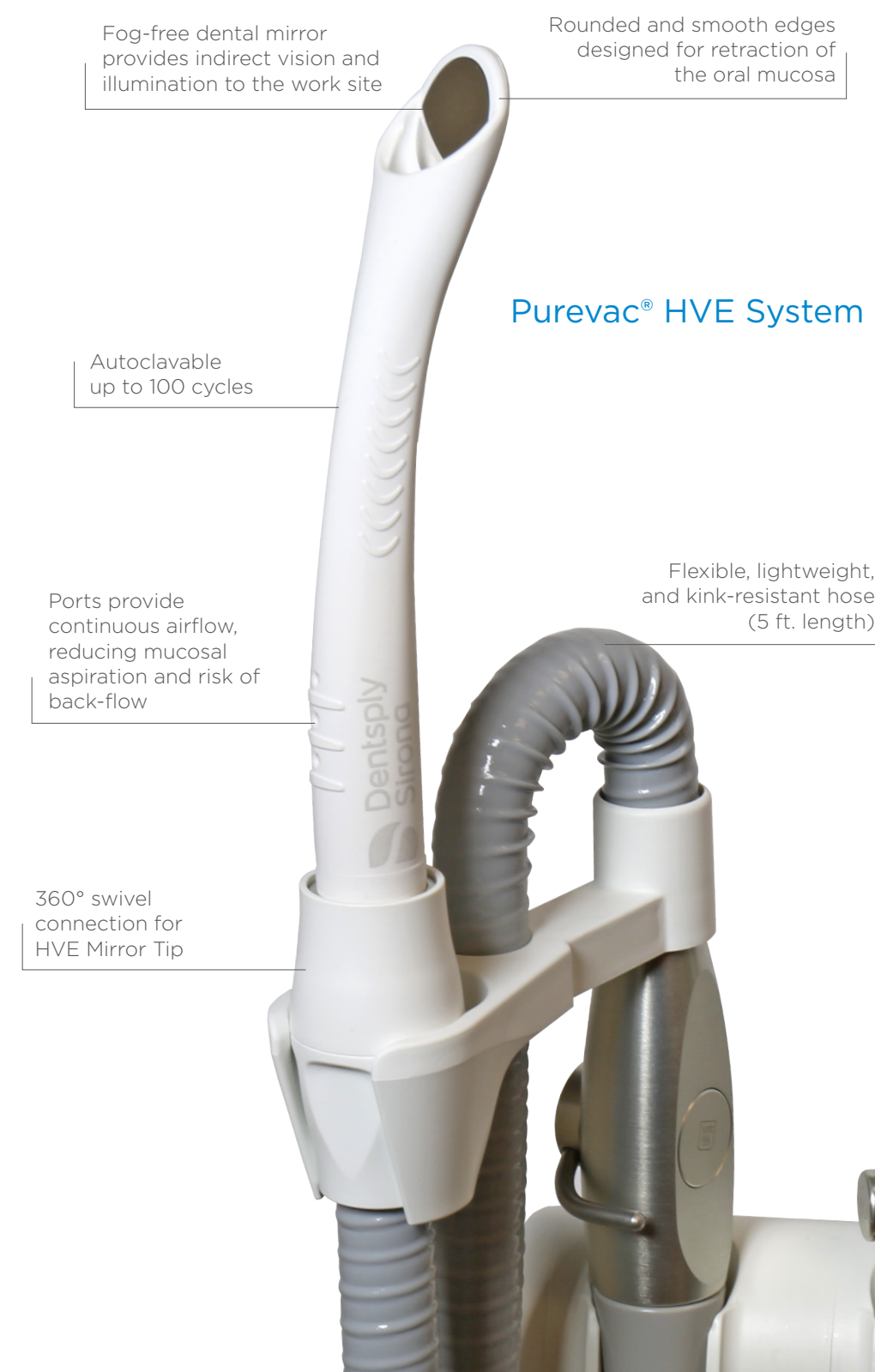
Fog-free mirror with continuous suction of fluids and debris

### Reduced Noise

14% less than a standard HVE tip  
5% less than a low-volume saliva ejector

## Promoting better, safer, faster dental procedures

One innovative system that handles multiple procedures.



Fog-free dental mirror provides indirect vision and illumination to the work site

Rounded and smooth edges designed for retraction of the oral mucosa

### Purevac® HVE System

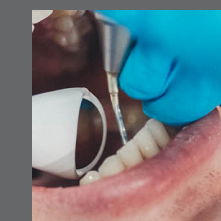
Autoclavable up to 100 cycles

Ports provide continuous airflow, reducing mucosal aspiration and risk of back-flow

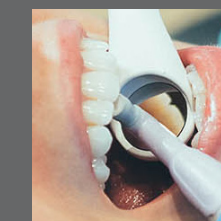
Flexible, lightweight, and kink-resistant hose (5 ft. length)

360° swivel connection for HVE Mirror Tip

A solution for multiple procedures.



Air Polishing



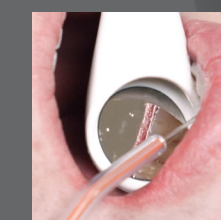
Rubber Cup Polishing



Ultrasonic Scaling



Sealants



Air/Water Syringe