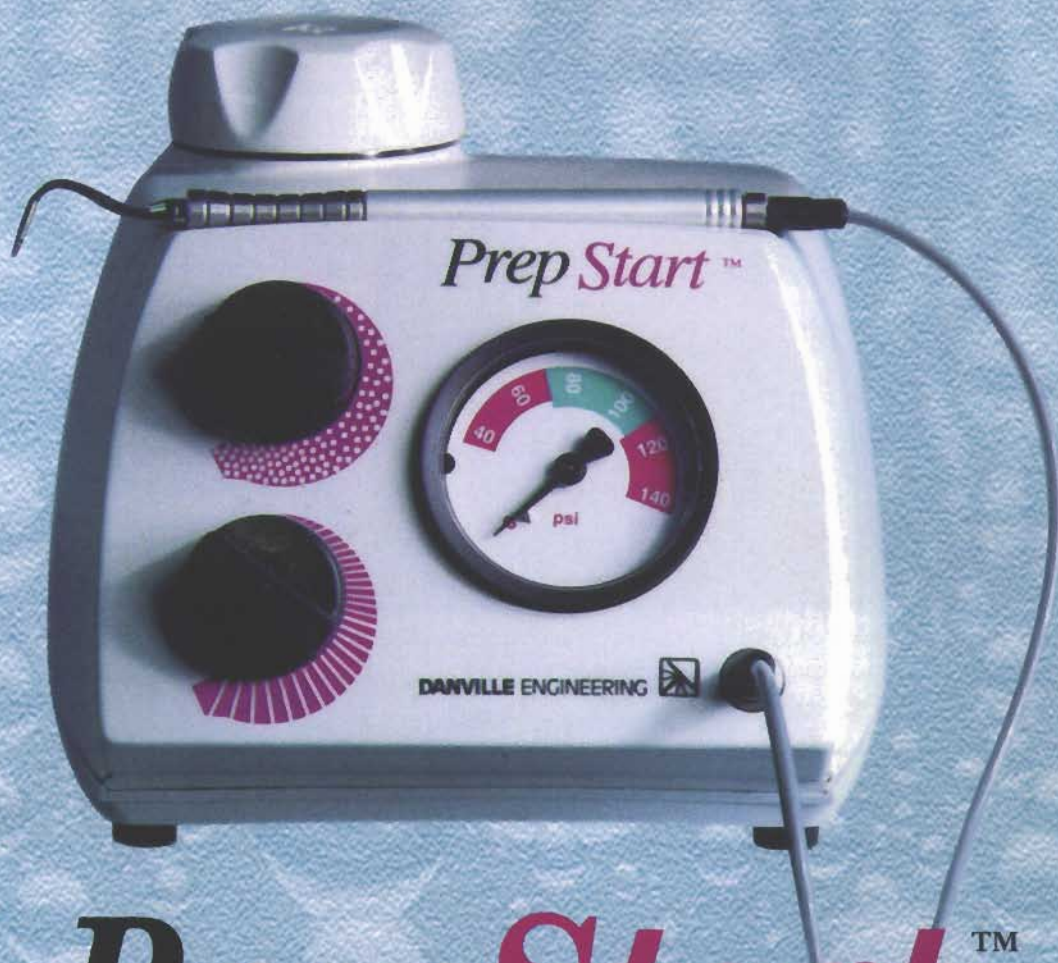


Danville Engineering

Leader in Air Abrasion technology

2021 Omega Rd. San Ramon, California 94583 USA • 800.827.7940 • 925.838.7940 • fax 925.838.0944 • www.info@daneng.com



PrepStart™

CE

5th generation Air Abrasion System

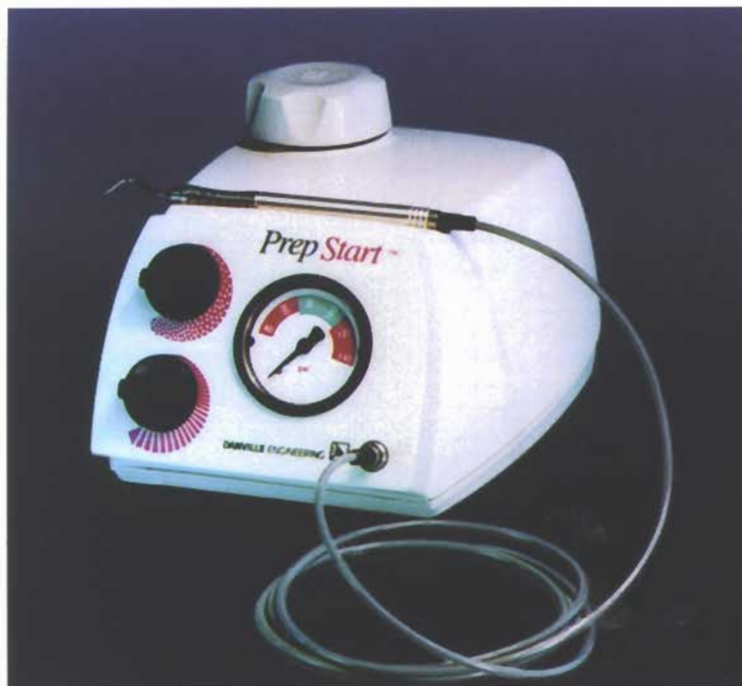


DANVILLE ENGINEERING



PrepStart

Advanced Air Abrasion System



PrepStart offers all the featured, control and precision of units at any price

- **Crisp On / Off Control:**
Instantaneous response to foot pedal.
- **Even, Precise Abrasive flow:**
Pulsing creates an uneven surface on floor of prep.
- **Multiple Tip Sizes & Angles:**
Allows rapid, low pressure treatment of lesions of all sizes.
- **Adjustable Pressure & Abrasive Flow:**
Select light etch or rapid cut & maximum patient comfort.
- **27 μ or 50 μ Selection - easy to fill.**
- **Integrated Air Filtration & Desiccation:**
allows use of house air.
- **Handpiece Clicks on Top Magnetically.**
- **Long Life Pinch Valve**
average 1+ yrs.
- **Service Ports Easily**
accessed from bottom.
- **Connects to House Air**
no electric required



Air Abrasion

No Anesthesia

95% of patients feel little or no discomfort. Offering an alternative to the shot creates a tremendous practice draw.

More Conservative

Minimally invasive "free flowing" preps allow preservation of maximum healthy tooth structure.

Treat Incipient Lesions

Conservatively treat small lesions and prevent further decay. Easily cut preps $\frac{1}{2}$ the width of your smallest bur.



329 Round Bur



Air Abrasion w/ .015 tip

Increased Productivity

Treat on diagnosis. Treat multiple quadrants in one visit. Save time in giving the shot.

No Whine, Vibration or Heat

Reduce patient anxiety. No microfracturing of enamel.

Market Hi-Tech Dentistry

The PrepStart allows you to distinguish your practice from others.

Cavity Prep: Class I - V

Ideal for composite restorations only.

Bonding Etch

- Microsandblast for maximum bond.
- Remove cement & prepare for rebond.

Bond strength increased up to 400% due to greatly enhanced surface area.



Advantages

The PrepStart is a great practice builder

Patients love an alternative to the anesthesia injection and to the whine and vibration of the drill. It is probably not surprising that many dentists report a 30% increase in business in the first year alone. The increase in patient comfort and confidence creates an increase in patient referrals.

Air Abrasion is the conservative alternative

Allows maximum healthy tooth structure to be retained. With the small .015 tip, the prep is so minimal, that even incipient lesions can be conservatively treated. Often these seemingly small lesions conceal large problems. Large lesions are rapidly treated at low pressures, by switching to a larger tip.

As a diagnostic tool

the PrepStart locates lesions often missed by conventional means. As an example, studies show over 70% of all darkened grooves conceal lesions that are normally missed by explorer or radiograph. A light pass at low pressure, reveals the lesions. At higher pressure the prep is rapidly finished.

Highly Portable

At 4 1/2 lbs. the PrepStart is easily moved and occupies less than 1/2 square foot of counter space.

PrepStart Kit Includes:

- PrepStart with foot pedal
4 1/2 lbs (6.5"W x 5.5"H x 9"L)
2 kg (65cm W x 140cm H x 230cm L)
- Installation Kit
- Handpiece & Nozzle Kit
- Instructions & Technique Manual
- Aluminum Oxide 27 & 50 Micron
- Video of Clinical Use
- 1 Year Warranty
- Restorative Kit

PrepStart Bonus Kit



Restorative Kit \$175.00 Value
Included with PrepStart

The PrepStart is the right choice

offering superior performance, controllability and features compared to units costing up to 5 times the price.

The precise control of the PrepStart also makes Air Abrasion easy to learn. The primary difference is the lack of the sensation of touch. This is easily overcome by a cut and look technique. It is recommended to begin practicing on extracted teeth, then proceeding on to a simple class I or V. Most report the learning curve for Air Abrasion is fast and easy.

Dust Control is a minimal problem largely overcome by effective use of house suction.

Handpiece & Nozzle Kit includes two handpieces, air line, two nozzles; 80° x .015 (small) & .019 (medium). Handpieces and nozzles are fully autoclavable.



Nozzles Selection

Highest quality, fully autoclavable with precision carbide orifices for long life.



Nozzles Orifice Sizes: .015, .019 & .026. Each available in the above angulations. Enquire for nozzle kits.

PowerPlus™ Air Pressure Booster



Booster shown with PrepStart



Power Plus air pressure booster is the fastest and easiest way of providing an upper range of air pressure for maximum performance.

It is an ideal solution when house pressure is low and resetting of the compressor is not possible. The Power Plus recompresses house air up to 135 PSI. Being totally pneumatic, only air is required at a minimum of 60 PSI.

Connecting is easily accomplished in seconds: house air is quick connected to the Power Plus, then a short tube quick connects to the PrepStart. Styling is attractive to match the PrepStart and the two are easily moved together.

The Power Plus only functions when in use and is quiet.

Power Plus Includes:

- Power Plus Booster (3 1/2 lbs)
- Instructions
- Quick connect cable
- 1 Year Warranty

MacroCab™ & MicroCab™

The MacroCab and MicroCab offer two choices of highly efficient dust cabinets for containment of air abrasive and handpiece grinding dust. The compact size requires only the fingers, work and handpiece need be inserted in the cabinet.



Highly efficient dust containment



Built in suction system is highly efficient, quiet and is easily cleaned. Bright fluorescent light give idea illumination. 110 or 220 volt.

- ### Cabinets Includes:
- Suction System
 - Bright Fluorescent Light
 - 1 Year Warranty

MicroCab: 7lbs (6.5"W x 6.5"H x 12"L)

3kg (16.5cmW x 16.5cmH x 30.5cm L)

MacroCab: 9lbs (7"W x 10"H x 14"L)

4kg (17.8cmW x 25.4cmH x 35.6cm L)

RapidVac™ Suction System



Designed to collect air abrasion debris, the RapidVac offers up to two times the flow rate of competitive systems. This highly portable suction system is very effective, quiet and compact with a foot pedal control. Its small size, pivoting handle and caster feet are just a few of the features that make it so convenient. 110 or 220 volt.

Two models of use:

- Intraoral, primary collection.
- Secondary, "elephant trunk" collection.

RapidVac Includes:

- Rapid Vac with Foot Pedal Control
- 3ea. Autoclavable Handpieces
- 1ea. Disposable Primary & Secondary Filters
- 1 Year Warranty

Rapid Vac: 20lbs (9"W x 22"H x 9"L)

9kg (22.8cmW x 55.9cmH x 22.8cm L)

Installation

The PrepStart quick connects to your house air supply such as MicroEtcher™ quick disconnect. Being totally pneumatic, only compressed air is required.

- 80 PSI (5 Bar) minimum
- 100 PSI (6.5 Bar) ideal
- 135 PSI (9 Bar) maximum

Most house air is 80 to 90 PSI (before the low pressure regulators). This pressure range is considered by many to be ideal. Lower pressures are the key to minimal sensitivity. At 100 PSI the PrepStart will cut twice as fast as at 80 PSI. Pressures above 110 PSI begins to cause patient sensitivity, and therefore are not recommended.

Often house air pressure can be easily increased to 100 or 110 PSI by having a technician adjust the controller box on the compressor. The PrepStart can also be run off bottled gas, such as nitrogen, if desired.

Distributed By: