

The KCP 1000 whisperjet: The ultimate in MICRODENTISTRY

CONSERVATIVE
DENTISTRY

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PATIENT
COMFORT

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PRACTICE
BUILDER

- **American Dental Technologies is the originator of modern air abrasion with the largest installed user base and the KCP is the state of the art.**

The KCP 1000 allows you to perform most composite cavity preparations without anesthesia, good news for your patients, but also a tremendous time saver for you. It's ability to conservatively scour out stained pits and fissures allows you to detect lesions that simply could not be diagnosed using conventional methods. Clinicians who incorporate the KCP routinely report monthly revenue increases of \$4,000 - \$5,000 or more. Most surprising, clinicians report these simple but highly-productive procedures become almost relaxing - the high point of their practice day.

Clinical Benefits

- **In historical studies**, the use of an air abrasive device has been well tolerated by patients without anesthesia. When an anesthetic is not used, time savings and treatments to more quadrants are possible.
- The whisperjet simultaneously cleans pits and fissures and prepares the surface for bonding, allowing sealants to be placed in less time.
- **It conservatively** removes "stain" (the organic plug) from the bottom of grooves, facilitating visual diagnosis of pit fissure caries. Detected caries can then be immediately and conservatively eliminated using the whisperjet.
- **By eliminating vibration**, the whisperjet reduces the risk of microfracturing and allows even delicate porcelain veneers to be repaired safely.

Features

- **New:** .011 and .018 nozzle sizes.
- **Two particle sizes** and six velocity settings for maximum flexibility. Ability to use 27 µm extra fine powder for rapid, precise cutting with maximum patient comfort.
- **Patented feed system** precisely maintains a constant particle flow at any pressure, minimizing the amount of powder overspray in the operator.
- **Compact size** and built-in compressor make it a very portable, whisper quiet, stand-alone instrument that can quickly be moved from operator to operator.
- **Heated powder** for greater comfort and performance.

Specifications

Height: 73.7 centimeters (29 inches)

Depth: 43 centimeters (17 inches)

Width: 21.6 centimeters (8 inches)

Weight: 41 kilograms (91 pounds)

Cutting material: 27 µm or 50 µm alpha alumina

Velocity settings: 40, 80, 100, 120, 140 & 160 PSI

Delivery medium: Compressed air

Electrical: Standard 120V

- **Service and Technical Support: (800) 359-1959**
- **Top rated** according to leading independent laboratories tests.

ADAT American Dental Airsonic Technologies

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KCP 1000

FROM THE ORIGINATOR OF
MODERN AIR ABRASION
TECHNOLOGY.....



Dual Abrasive Chambers

27m Alpha Alumina,
50m Alpha Alumina,
or Sodium Bicarbonate
Heated for comfort.
Patented Electronic
Powder Injection
System.

Multiple Propellant Options

Built-In Compressor.
Office air-supply.
Self contained
pressurized bottle
(N, He, or CO2).

Greater Control

User variable
powder flow. User
programmable presets
Computerized system
monitoring and
reporting.

Optional Integrated Plasma Arc Curing

Cures most composites in
less than 5 seconds.
Speeds the whitening
process. Faster and more
effective than LED's

ADAT American Dental Airsonic Technologies