AutoSyringe™

Irrigation ... Simplified

Comfort | Convenience | Control

+ 1.877.418.4782 | www.vista-dental.com
Over the years endodontic therapy has seen major advancements in technology while the method of delivering solutions to the canal system has remained ergonomically difficult and messy. AutoSyringe™ replaces the standard luer lock syringe, and significantly decreases the number of irrigating tips used.

1. Quick-Connect, 20mL canisters that are easily filled with the medicament of one's choice.
2. Three adjustable flow rate settings ensure safe apical pressure throughout every procedure.
3. Cordless, compact rechargeable device is fully compatible with NaOCl.
4. Autoclavable sleeves allow for easy disinfection between patients.
5. Rotating tip provides easy access and accepts all standard irrigating tips.

Featuring ANTI-DRIP technology

NO MORE BLEACH STAINS!

Since using AutoSyringe™, I have noticed a considerable decrease in hand fatigue at the end of the week, compared to standard syringe delivery. I can now easily deliver a larger volume of irrigant without hand fatigue, in a safe manner.

- Dr. Sam Alborz, DDS
Tennessee Micro Endodontics
Safe, Controlled Flow.

AutoSyringe™ eliminates worries of excess apical pressure by providing a safe delivery of irrigant while maintaining clearance past the needle tip.

The human hand is inconsistent when it comes to delivering irrigants at a controlled velocity.

<table>
<thead>
<tr>
<th>Flow Rate Setting</th>
<th>27ga Appli-Vac™ (slotted &amp; Side-Vented)</th>
<th>27ga Vista-Probe™ (closed-end with side-port)</th>
<th>30ga Appli-Vac™ (slotted and side-vented)</th>
<th>30ga Vista-Probe™ (closed-end with side-port)</th>
<th>30ga Flexi-Glide™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>2.6 mL/min</td>
<td>2.6 mL/min</td>
<td>1.8 mL/min</td>
<td>2 mL/min</td>
<td>2.8 mL/min</td>
</tr>
<tr>
<td>Medium</td>
<td>3.5 mL/min</td>
<td>3.5 mL/min</td>
<td>2.3 mL/min</td>
<td>2.5 mL/min</td>
<td>3.8 mL/min</td>
</tr>
<tr>
<td>High</td>
<td>5.1 mL/min</td>
<td>5.1 mL/min</td>
<td>3.1 mL/min</td>
<td>3.1 mL/min</td>
<td>5.5 mL/min</td>
</tr>
</tbody>
</table>

Note: Flow rates may vary +/- 0.5 mL/min. All flow rates determined with H2O, will vary based on irrigant.

Includes:
[1] AutoSyringe™ Handpiece
[2] 20mL Canisters
[100] Plastic Barrier Sleeves
[1] Charging Base

Kit Contains:
Design based on RESEARCH.

Figure 2.
Dye clearance during positive-pressure irrigation at 3 mm from the apex. The bars show standard deviation.

Apical pressure and extent of irrigant flow beyond the needle tip during positive-pressure irrigation in an in vitro root canal model.

Ellen Park, Ya Shen, Mehrzad Khakpour, Markus Haapasalo

- 25 ga blunt open-ended needle (FlexiGlide)
- 30 ga blunt open-ended needle (FlexiGlide)
- 27 ga slotted open-ended needle (Monoject)
- 30 ga side-vented closed-ended needle (ProRinse)

Figure 3.
Apical pressure during positive-pressure irrigation at 3 mm from the apex. The bars show standard deviation.

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There is no need to ever purchase a box of syringes again. AutoSyringe™ pays for itself in no time!

AutoSyringe™ vs. Monthly Syringe & Tip Expenses

Use the charts below to determine your expenses & ROI

Average cost per needle tip: $0.40
Average cost per syringe: $0.20

THESE COSTS ADD UP!

If you use 2 Solutions per procedure, use the chart below:

If you use 3 Solutions per procedure, use the chart below:

<table>
<thead>
<tr>
<th># Of Procedures Daily</th>
<th>6</th>
<th>5</th>
<th>4</th>
<th>3</th>
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</thead>
<tbody>
<tr>
<td>DAILY EXPENSES</td>
<td>$8.40</td>
<td>$7.00</td>
<td>$5.60</td>
<td>$4.20</td>
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<tr>
<td>MONTHLY EXPENSES</td>
<td>$134.40</td>
<td>$112.00</td>
<td>$89.60</td>
<td>$67.20</td>
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<td>ANNUAL EXPENSE</td>
<td>$1,612.80</td>
<td>$1,344.00</td>
<td>$1,075.20</td>
<td>$806.40</td>
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<tr>
<td>ROI - MONTHS</td>
<td>3.7</td>
<td>4.4</td>
<td>5.5</td>
<td>7.4</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th># Of Procedures Daily</th>
<th>6</th>
<th>5</th>
<th>4</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAILY EXPENSES</td>
<td>$12.00</td>
<td>$10.00</td>
<td>$8.00</td>
<td>$6.00</td>
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<tr>
<td>MONTHLY EXPENSES</td>
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<td>$160.00</td>
<td>$128.00</td>
<td>$96.00</td>
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<tr>
<td>ANNUAL EXPENSE</td>
<td>$2,304.00</td>
<td>$1,920.00</td>
<td>$1,536.00</td>
<td>$1,152.00</td>
</tr>
<tr>
<td>ROI - MONTHS</td>
<td>2.6</td>
<td>3.1</td>
<td>3.9</td>
<td>5.2</td>
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</tbody>
</table>
For the best results, pair with Vista’s enhanced irrigants and EndoUltra™ ultrasonic activation!