

Big differences in handpiece maintenance units

A comparison of several handpiece lubrication units has revealed large differences in the effectiveness and costs of the various units available.

The comparison involved assessing the running costs and mode of operation of automated handpiece units available on the Australian market.

Using available information from each of the main manufacturers, the W&H 'Assistina' 301 Plus was a clear winner in the key areas of efficacy and running costs.

"The key difference between the units is that the Assistina is the only automated handpiece unit to rotate the turbine and gears during cleaning as well as cleaning both the air and water ports automatically," said A-dec Australia's W&H Product Manager, Shal Hafiz.

The Assistina lubricates a handpiece in just 35 seconds using compressed air and special W&H lubricant. Because of the way the lubricant is applied to all moving parts, it is not only effective, but also very efficient and costs around two thirds less than some other automated lubrication units.

90% reduction in lubrication costs!

Even more remarkable are the savings from the Assistina compared to the old practice of manually lubricating handpieces using pressurised lubricants in spray cans.

"The Assistina slashes costs per cycle by approximately 90% compared to the traditional oil spray can, meaning the Assistina unit will very soon pay for itself and help increase surgery profits," Mr Hafiz said.

"Not only that, but both under or over-lubrication are major causes of premature wear or clogging and malfunction of handpieces. W&H's Assistina automatically



TABLE 1. COMPARISON OF HANDPIECE MAINTENANCE UNITS

BRAND	W&H Assistina 301 Plus	Brand 'A'	Brand 'B'	Brand 'C'
Lubrication	YES	YES	YES	YES
Cleans air and water ports	YES	NO	NO	NO
Turbine and gear rotation	YES	NO	NO	NO

dispenses the correct amount of lubricating fluid and rotates the turbine and gears to ensure they are properly lubricated ready for use."

The Assistina is also very environmentally friendly. By using compressed air as the propellant, traditional gases, solvents and canisters are unnecessary. A filter system ensures that only clean air emerges making sure that the environment is fully protected.

"Not surprisingly, the Assistina is a top

in both busy institutions and private practices across the world. Dentists find the unit literally pays for itself in saved lubrication costs alone, not to mention the expected improvement in handpiece lifespan and performance."

The W&H Assistina and full range of W&H precision instruments is available from A-dec dealers around Australia. For dealer details contact A-dec toll free 1800-225-010.