



A First for the Dental Industry

Melbourne based leading dental laboratory Bioart Dental is the first dental laboratory in Australia to have invested in a LaserStar Laser Welder highlighting Bioart Dental's commitment to innovation and quality.

"The LaserStar Laser Welder is an excellent tool for improving quality, efficiency and strength in the union of gold, titanium, chromium alloy and stainless steel in the Dental Laboratory. We look forward to supporting Bioart Dental with their LaserStar" - Neil Penman from M2 Lasers.

Laser welding is superior to soldering since the solder is heated with gas oxygen torch or open flame. The heat used in this process is very high, and thus often results in a visible seam, discoloration or fire scale in the solder area. Whereas laser welding is a process in which light energy is used to weld precious and non precious metals to themselves. When laser welding the beam is so concentrated that it burns away any impurities during the welding process, thus giving us a homogeneous laser weld.

"The heat used in this process is localized so that it results in a seamless, undetectable work zone that is not discoloured in any way giving us a major increase in consistent quality work" said Bioart Director Lou Cusinato.

We at Bioart Dental are very excited about our new addition, giving us an ability to control the quality of our laser welds. LaserStar enables us to laser weld gold, titanium, and chromium bars for implant dentures. It can be used for basic repairs to crowns, bridges and chromium dentures.

For more information or if you would like to view the LaserStar contact Bioart Dental on 9499 4445 or visit our website www.bioartdental.com.au.



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Creative Dental Technicians