

Dental Technology Melbourne - Smile Solutions

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Solutions has its own professional photography studio, which is an excellent opportunity for patients to document their smile makeover journey should they wish to do so. A set of professional photos is an excellent memento to take away once treatment is complete. Digital Radiographs (X-rays) Planmeca ProMax 3D Max The Planmeca ProMax 3D Max generates, with limited radiation doses, the most detailed three-dimensional dental imagery available. Using the Planmeca ProMax 3D Max software, we can create an unrivalled 3D image of the highest quality, showing the smallest detail, to enable the most precise treatment planning. This innovative, versatile, safe and dynamic piece of technology is a valuable diagnostic aid for endodontics, periodontics, orthodontics, implantology, dental and maxillofacial surgery, paedodontics, and TMJ analysis. Planmeca ProMax 2D S3 with One Shot Lateral Cephalogram We are equipped with the Planmeca 2D two-dimensional digital imaging system, which produces the most precise, highest quality orthopantomograms and lateral cephalograms. Having these available during your appointment is particularly convenient if images are needed for your treatment planning – whether for general dentistry or orthodontics. This imaging system facilitates both open- and closed-mouth image capture, and correct patient positioning is assisted by a triple laser beam. The Planmeca 2D is equipped with a 'child mode', which ensures the safest X-rays for your child; and with a one-shot function, the X-ray can be taken in just one image – ideal for children (and adults!) who have trouble sitting still. The result is the perfect image, every time. Intraoral Digital Radiographs Smile Solutions uses intraoral digital radiographs to ensure safer, lower radiation levels than conventional x-rays. These radiographs offer the added convenience of high-quality images displayed directly on the computer screen, allowing your clinician to clearly illustrate the situation to you. Laser Dentistry Our clinicians use a range of lasers suited to soft tissue treatments to alter the shape of the gums in order to improve the longevity and quality of the restoration. Your clinicians will choose the most suitable laser for your dental requirements and particular type of treatment. LightWalker Fotona Laser The Fotona Laser offers precise, efficient and minimally invasive treatment for various procedures including cavity treatment, cosmetic gum disease lift management procedures and teeth whitening. It provides patients with faster healing times and increased patient comfort compared to traditional methods. NV Laser The NV Laser features an innovative, wireless handheld design engineered to deliver laser energy in either a continuous wave or pulsed model, it can be used for oral soft-tissue surgery, including removal of diseased fibrous tissue and lesion removal. It may also be used for periodontal procedures, such as removal of diseased, infected, inflamed or necrosed soft tissue within the gum pocket; or removal of highly inflamed tissue affected by bacterial penetration of the pocket lining. VersaWave Laser The VersaWave Dental Laser is the industry's best-engineered and most reliable fibre-delivered laser. Patients experience fast, comfortable and highly effective treatments for their teeth, bone, gums or any other soft tissues. It can be used across general dentistry, endodontics, periodontics, prosthodontics and paediatric dentistry. Examples include contouring of bone, removal of diseased soft tissue from gum pockets and a variety of other dental procedures. Sterilisation Equipment Smile Solutions is always proud of its commitment to, and enforcement of, the very highest standards of infection control and hygiene. To prevent the spread of any viruses and bacteria in dentistry, it is imperative to uphold the highest levels of quality control. Smile Solutions boasts a fleet of Mocom sterilisers, 6 Statim hand-piece sterilisers and 4 ultrasonic baths to meet the sterilisation needs of the practice. In addition, all dental assistants receive regular, ongoing training to ensure that professional standards are always maintained. This, in turn, gives our patients the peace of mind that comes from having all equipment continuously sterilised to professional standards. Removal of Plaque AirFlow Prophylaxis Master The Airflow Prophylaxis unit is a new, non-invasive cleaning tool that makes a comprehensive clean much more comfortable and relaxed. It uses a combination of water, air, and fine powder to remove plaque, stains, and bacteria from the surfaces of teeth and along the gum line, a much more comfortable treatment to the traditional ultra sonic typically associated with the discomfort of visiting the dentist. KaVo Prophyflex The Prophyflex is the ultimate piece of equipment for fast removal of plaque and stubborn stains from consumption of beverages such as coffee or tea or from smoking. Combining pressurised air with powder and water, it removes stains safely and efficiently. Gentle yet effective, the KaVo Prophyflex is utilised at the end of a cleaning appointment by the hygienist or dentist to address any residual staining unable to be removed by standard cleaning equipment. Detecting Decay Lumindex 3 Transilluminator The Lumindex 3 Transilluminator is a diagnostic tool used in dentistry to

enhance the visibility of tooth structures and detect any abnormalities. It uses high-intensity LED light to transilluminate teeth, allowing dentists to identify issues such as cracks, fractures, and cavities that may not be visible through traditional examination methods, and is especially useful for early detection of dental problems.

KaVo DIAGNOcam The DIAGNOcam utilises Digital Imaging Fibre-Optic Trans-Illumination (DIFOTI) to assist in detecting decay and cracks in teeth and to illuminate a tooth under treatment. Used in conjunction with a general check-up and dental X-rays, the DIAGNOcam allows your clinician to diagnose and show you pictures of decay or cracks during your appointment.

KaVo DIAGNOdent The KaVo DIAGNOdent uses laser fluorescence technology to detect decay. In addition to a visual examination and X-rays, the DIAGNOdent works quickly and reliably to aid decay detection in areas that are difficult to examine.

Fillings CEREC CAD/CAM (Chairside Economical Restoration of Esthetic Ceramics) CEREC CAD/CAM (Chairside Economical Restoration of Esthetic Ceramics) is a state-of-the-art chair-side system that enables the highly efficient manufacture and placement of all-ceramic veneers, onlays, inlays, crowns and bridges. With Cerec technology there is no need for messy impressions and weeks of waiting for a dental lab to deliver the final product. We will first scan your teeth, and then the scanned data will be transferred to our CEREC machine. While you relax and perhaps read a book or a magazine, your ceramic work will be prepared, and it will then be fitted precisely to your tooth or teeth in the one appointment.

CEREC Primscan Intraoral Scanner The CEREC Primscan Intraoral scanner allows for quick and accurate scans of your teeth. It captures a precise, three-dimensional image in real-life colour, doing away with the need to take messy impressions. The scanner is linked directly to the CEREC machine to streamline the process of fabricating personalised prosthodontic work while you relax in the chair.

CEREC Primemill Milling Machine The information taken from the intraoral scanner is then passed virtually to the milling unit located on-site where the exact-match tooth inlay/onlay is sculptured.

Isodry & Isolite Isodry is an excellent alternative to a traditional suction system. Automated to ensure maximum comfort for patients, this technology allows fillings to be placed under ideal conditions to ensure quality and longevity. In addition, Isodry can be utilised with a range of other dental treatments such as hygiene and oral surgery. Isolite also incorporates greater visualisation for the treating practitioner through use of an additional light. The net result: better, more consistent and more efficient results.

PrepStart Air Abrasion Pre-treating the surface of a tooth with air abrasion allows for optimal placement of fillings, crowns and bridges. It utilises aluminium oxide particles to clean and treat the outer layer of the tooth. This allows for superior bonding and greater longevity of restorations. Studies indicate that it can give the restoration greater 'staying power'.

Painless and safe, air abrasion can also be used on teeth with early decay as an alternative to drilling when fissure sealants are being placed.

Televisions Our dental suites feature television screens and surround sound music for your comfort, so you can relax to your choice of music or enjoy watching a movie while we cater to your dental needs. This is particularly helpful for patients who may have anxiety while visiting the dentist, or children who require a little extra entertainment or a degree of distraction when they visit the dentist. Paired with lovely scented candles, art deco surrounds, ambient lighting and natural daylight, you can simply sit back and relax, and enjoy some of the best views of Melbourne from the chair.

Cosmetic Dentistry E4 Lab Scanner The E4 Lab Scanner at Smile Solutions is renowned for its advanced capabilities in generating highly accurate digital impressions for dental restorations. Its efficient workflow and precise detailing ensure superior fit and aesthetics, enhancing both patient satisfaction and treatment efficiency.

Mock-up Reveal At Smile Solutions you can preview your smile makeover before committing to any treatment. This starts with a digital reveal on a large screen with our master ceramist. Then your cosmetic dentist fabricates a physical mock-up on your teeth made from a temporary resin over the top of your natural teeth. The process is completely reversible causing no harm to any of your natural teeth. With a mock-up reveal, patients can: View and feel the proposed changes of teeth shape, size, length, position and colour. Preview their options such as how many veneers and whether a gum lift will prove beneficial, allowing you to be fully informed in their treatment options. Meet our in-house Master Ceramist and experienced cosmetic dentist to ensure they completely comfortable with the creators of your new smile. [Click here to see how it works!](#)

Trios Scanners **3 Shape TRIOS 4 Move+ Intra-Oral Scanner** The latest in scanning technology, the 3 Shape TRIOS Intra-Oral Scanner enables efficient and detailed scanning of your teeth and gums. With the capacity to provide information about the shape and colour of your teeth and

about your bite, the camera can be used instead of traditional impressions to relay all information required for custom-fit crowns, bridges and veneers. iTero Scanners Being administered mouthfuls of impression material in the chair to produce a mould of the teeth is a thing of the past at Smile Solutions. The iTero Element Intraoral scanner is a 'chair-side' system for creating virtual impressions of your teeth. These are then transmitted digitally to dental labs for the manufacture of orthodontic appliances and restorations. The scanner is a valuable diagnostic and treatment tool that offers speed and reliability, and enhances accuracy of records, treatment efficiency and your overall dental experience.

In-House Laboratory The Smile Solutions' in-house Dental Laboratory is exclusively dedicated to serving our patients, and do not work with any other businesses. Our team of Ceramists, Dental Technicians and Dental Prosthetists leverage our advanced technology and collaborate closely with our dentists and specialists to deliver superior appliances, prosthodontics products, and meticulously handcrafted porcelain veneers and crowns. By focusing solely on servicing Smile Solutions they can ensure they are dedicating all their efforts to providing the highest level of personalised care for our patients.

Teeth Whitening In-Chair Teeth Whitening You can have a bright white smile in less than 90 minutes with our in-chair whitening treatment. With over 20 years of whitening experience and acknowledged as the largest provider of Zoom! Teeth Whitening in Australia, Smile Solutions is the home of in-chair teeth whitening. The Philips Zoom! system that we offer is administered and monitored by a qualified dentist or hygienist with the use of safe, TGA-approved light-activated gel and LED light.

At-Home Teeth Whitening For home use, Smile Solutions exclusively provides Poladay and Polanight products. With daily application of a gel in custom-made trays, you will have brighter, whiter teeth within two weeks. Both of these preparations contain fluoride, which strengthens the tooth surface to protect against sensitivity. You can whiten your teeth at home either while you sleep (using the Polanight system) or for half an hour per day (using the Poladay system).

Orthodontics Invisalign Aligner Technology Invisalign is an innovative orthodontic technology used to straighten teeth without traditional metal braces. A series of clear, almost invisible aligners is individually designed and manufactured to straighten your teeth over time. These aligners can be used to treat a wide range of orthodontic issues such as crooked, crowded or spaced teeth and more complex problems as well. As Australia's largest provider of Invisalign by Dental Board-registered orthodontists, Smile Solutions has been accredited with Blue Diamond provider status – reflecting our unsurpassed experience and expertise in Invisalign.

iTero Scanner and ClinCheck Being administered mouthfuls of impression material in the orthodontic chair to produce a mould of the teeth is a thing of the past at Smile Solutions. The iTero Element Intraoral scanner is a 'chair-side' system for creating virtual impressions of your teeth. These are then transmitted digitally to dental labs for the manufacture of orthodontic appliances (including Invisalign) and restorations. The scanner is a valuable diagnostic and treatment tool that offers speed and reliability, and enhances accuracy of records, treatment efficiency and your overall dental experience. Your iTero scan can now be transformed into a movie via ClinCheck, the latest Invisalign software. The video shows you not only how your Invisalign treatment will progress but also, with its outstanding visualising capabilities, an image of your new smile post- treatment.

Dental Monitoring Dental monitoring is a technology that allows orthodontists to remotely track the progress of their patients' orthodontic treatment using a smartphone app and a special monitoring device. Patients take regular scans of their teeth using the device and upload them to the app, where the orthodontist can review the progress and make adjustments to the treatment plan as needed. This technology offers greater convenience for patients by reducing the need for frequent in-person appointments while still allowing orthodontists to closely monitor their progress.

Dental Implants iCam 4D Implant Scanner iCam is a sophisticated technology designed to enhance the accuracy and efficiency of implant treatment planning and surgical procedures. This innovative system uses intraoral cameras to capture detailed images of the patient's mouth, allowing for precise measurements and virtual implant placement simulations. iCam allows clinicians to plan implant placement with exceptional accuracy, taking into account factors such as bone density and soft tissue contours. By providing real-time visualisation and data integration, iCam streamlines the implant workflow, resulting in more predictable outcomes and improved patient care in the field of implant dentistry.

Exocad DentalCAD Software Exocad for dental implants is an innovative software solution that simplifies the process of designing and creating implant restorations. With its user-friendly interface and advanced features, Exocad allows

clinicians to plan and visualise implant placement with precision, customise prosthetic components, and streamline workflow efficiency. Exocad facilitates accurate treatment planning and more predictable outcomes. coDiagnostiX® Software New software from coDiagnostiX® software available at Smile Solutions, facilitates dental implant procedures by providing state-of-the-art detailed 3D images of the patient's jaw structure, enabling precise planning and placement of implants. This technology enhances accuracy, reduces surgery time, and improves overall treatment outcomes, leading to increased patient satisfaction and faster recovery. PRF Duo Quattro Centrifuge At Smile Solutions, our clinicians use the PRF Duo Quattro Centrifuge to spin patient blood samples at high speeds, separating them into red blood cells, acellular plasma, and the fibrin clot. Once the blood is separated, the fibrin clot containing blood components rich in growth factors is collected and used to stimulate bone, blood vessel, cartilage, and tissue cell growth. It can also be mixed with bone substitutes to enhance bone grafting procedures. Endodontics Microscopes An important development in the success of root canal treatment, as well as other dental procedures, is the use of high-powered microscopes with multiple magnification settings. Technologically superior and sleek in design, they improve the speed and accuracy of diagnoses ranging from any abnormal anatomy (such as any extra root canals) to early detection of any fracture lines. Using this technology, your Smile Solutions clinician can view the inside of a tooth and root canal system at a magnification of up to 20x, with added illumination. This is useful, as the internal structure of a tooth can be complicated and unable to be seen with the naked eye or by wearing any glasses using standard magnification. Within the lenses of these microscopes is an integrated fibre-optic light, which eliminates shadows and thus gives your dentist a clear picture while performing your dental treatment. You are therefore assured of optimal treatment with a high success rate. At Smile Solutions our clinicians have access to the Carl Zeiss OPMI PROergo microscope and the Seiler Revelation Microscope. BeeFill 2in1 BeeFill 2in1 is the latest in root canal filling placement. Warm filling material is rapidly dispensed into the canals of the tooth, where it hardens into a dense, cohesive filling. The fluidity of the warm material allows the smallest areas of the root canal to be filled reliably, every time. This technology increases the speed of the procedure while producing a filling of the highest quality, which is essential to a good long-term prognosis for the tooth. When combined with the MTwo and ProTaper rotary systems and the X-Smart Endo Motor, it ensures that your root canal treatment is of the highest quality. MTwo and ProTaper Rotary Endodontic Systems with Dentsply X-Smart Endodontic Motor The MTwo and ProTaper Nickel-Titanium rotary systems and the Dentsply X-Smart Endodontic Motor offer the latest technology in efficient cleaning and shaping of canals during root canal treatment. Studies indicate that rotary systems generate superior outcomes and commit fewer procedural errors than traditional slower methods of stainless-steel hand filing. Models & Appliances Erkopress The Erkopress is an advanced vacuum forming machine used in dentistry to create high-quality custom dental appliances, such as retainers, mouthguards, and bleaching trays. It offers precise and consistent pressure for accurate, well-fitted appliances that ensure better comfort and effectiveness for patients. Its efficiency reduces production time, making it a valuable tool for both our clinicians and patients. Dentaurem Laser Welder At Smile Solutions, our dental technicians have access to the Dentaurem Laser Welder, a sophisticated welding device used in the making of metal frameworks for dentures and orthodontic appliances. It uses laser technology to generate a concentrated beam of energy, which melts and fuses metal surfaces together with exceptional accuracy and control. This welding process results in strong, durable joints without the need for additional adjustments, ensuring high-quality appliances. Otoflash Flash Curing Device The Otoflash Flash Curing Device is a sophisticated piece of equipment used in our Smile Solutions dental lab for the fast and efficient curing of dental materials, particularly those used in the fabrication of prosthetic restorations like crowns, bridges, and veneers. Using advanced light-curing technology, the Otoflash emits intense light to cure resin-based materials quickly and effectively, ensuring optimal durability. Its precise control settings and customisable features make it a versatile tool for dental technicians, enabling them to achieve consistent results while reducing processing times. 3D Printers Asiga Max The Asiga Max is a compact and versatile 3D printer designed for dental applications, using DLP (Digital Light Processing) technology for high-precision prints. It allows users to choose from a wide range of materials for various applications, enhancing flexibility and cost-efficiency. DLP works by using a digital projector to flash a single image of each layer, curing the resin with light for fast and detailed

prints. Asiga Pro Max 4K UV 3D The Asiga Pro Max 4K UV 3D printer is a high-resolution 3D printing device designed for dental and medical applications, featuring a 4K UV LED light source for precise and detailed prints. It is highly regarded for its exceptional accuracy, reliability, and user-friendly interface, making it ideal for producing high-quality dental models and appliances. Arum 5-Axis wet/dry milling machines Arum 5-Axis wet/dry milling machines are advanced devices used for precise cutting and shaping of dental materials. Their benefits include high accuracy, versatility in handling various materials, and the ability to perform both wet and dry milling for optimal results. Call Us 13 13 96 Location Level 1, 220 Collins Street Manchester Unity Building, Melbourne VIC 3000 Hours Of Service Monday – Friday: 8.00am – 6.00pm Saturday: 8.30am – 1.30pm Sunday: By Appointment Our Services General Dentistry Cosmetic Dentistry Orthodontics Specialist Care Dental Implants Children's Dentistry Emergency Dentistry Why Choose Us Our Team Media Awards Careers Technology Location Holistic Dentistry Quick Links Contact Us Articles Packages & Offers Dental Payment Plans Understanding Your Treatment Sitemap Privacy Policy Copyright © Smile Solutions. All Rights Reserved. This site is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply. Close Our Services General Dentistry Dental Cleans and Hygienists Wisdom Teeth Emergency Dentistry Root Canal Tooth Fillings Chipped or Cracked Teeth Snoring & Sleep Apnoea TMD & Teeth Grinding Sport Mouthguards Dental Anxiety Cosmetic Dentistry Porcelain Veneers & Crowns Same Day Porcelain Veneers™ Composite Bonding Professional Teeth Whitening CEREC Restorations Invisalign® No Braces All-on-4® Dental Implants Gummy Smile Complimentary Cosmetic Consultation Orthodontics Invisalign No Braces Orthodontic Braces Children's Braces and Invisalign Jaw Surgery Dental Implants All-on-4® Dental Implants Conventional & Immediate Implants Dental Bridges Bone Grafting For Implants Dentures Specialist Care Oral & Maxillofacial Surgeons Prosthodontists Orthodontists Periodontists Endodontists Paediatric Dentists Complex Dentistry Children's Dentistry First Visit To The Dentist Children's Dental Emergencies Children's Braces and Invisalign Child Dental Benefit Schedule Kids Teeth Cleaning Tips Why Choose Us Our Team Our Location Technology Awards Holistic Dentistry Before After Gallery Payment Plans Packages & Offers Contact Us Call Us 13 13 96 Close Smile Solutions AI Assistant ■ Hello! I'm here to help you with questions about Smile Solutions. How can I assist you today? Popular questions: What services does Smile Solutions offer? How can I contact Smile Solutions What are your business hours? ■■ × 0 /1000 Contact Us Call Us 13 13 96 Location Level 1, 220 Collins Street Manchester Unity Building, Melbourne VIC 3000 Hours Of Service Monday – Friday: 8.00am – 6.00pm Saturday: 8.30am – 1.30pm Sunday: By Appointment Close Book Now