



300 series

Technodent
THE DENTAL COMPANY



Commencement

Technodent has been working hand in glove with their German counterpart in the production of dental medical equipment's and spare parts for the past 20 years.

Our aim is to combine cutting edge technology with contemporary designs for a dental treatment center that offers sophistication, performance, flexibility, ease of service and above all durability.





The ALL – New ACE 300 Dental Unit HALLMARK of Excellence

Advanced, Contemporary and Ergonomic - the ACE 300 dental Unit is a hi-performance manufacturing marvel. Its unique technology - the automated pneumatic drive system, free of complex electronics - is highly reliable, feature-rich and service free. The ACE 300 comes packed with fully loaded premium Chair powered by **TECNODENT S.p.a, Italy**, and the futuristic Italian light design by **FARO S.p.a.** and is backed by the world-famous German precision engineering with complete European assemblage. An example of combined research and collaboration with prominent dental professionals and a selection of world-class technologies, the unit offers lifelong reliability and flexibility. In short, the ACE 300 dental Unit is not any mass-produced or run-of-the-mill dental unit, but is seamless equipment that is individually crafted with top-notch components made in specific materials, sourced from the best manufacturing facilities in Europe.

The Dental Chair

A Complete Style Statement

The Dental Chair is an ergonomic delight for both the patient and dentist offering total ease of comfort and use. It is a combination between mechanical strength, hand-craftsmanship with refined materials, and a futuristic design. Besides, the chair is built for complete symmetry for both right-handed and left-handed professionals and comes with an optional rotating device which allows the chair to rotate around the vertical axis by a lever under the seat. Soft curve lines; high quality upholstery, without seams for a better hygiene; the anatomical wrapping but still slim backrest offers the professional more room for free movements.





- Electromechanical Lifting, lowering and tilting movements;
- Multi-articulated anatomical headrest UNI for a patient's comfortable posture and for a perfect visual during the treatment;
- Anti-crushing safety stops on backrest, armrest and pantograph;
- Easy to program and use.
- A high precision joystick pedal controls efficiently the movements without using the hands;
- Rotating armrests help the patient to get on/off the chair.

Delivery System

Total Substance

The highly advanced and patented pneumatic German technology of the ACE 300 delivery systems augurs well with its compact size and seamless integration. The systems' sophisticated platform is capable of handling three or more instruments which can be integrated at any future phase of expansion or modernization. The air and water flow within the unit, at each stage, are regulated by pneumatic micro check valves, relays and regulators which are specially made in-house at our manufacturing facility in Germany. The ACE 300 is equipped with a highly intuitive application which can be downloaded on any Android-based tablet or phone as a display panel, which allows for multiple-user settings with password protection, instrument speed and power adjustments, as well as water spray regulation.



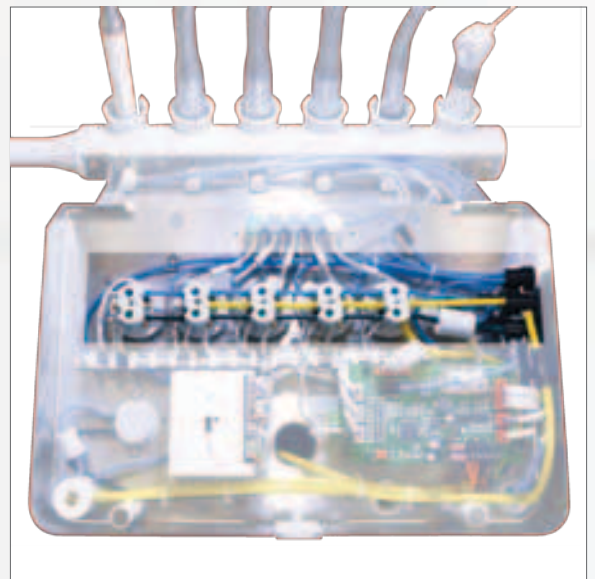
Flexibility

- Configuration flexibility for use with scaler, air-motor, turbine, electric motor, curing light etc.
- Multiple micro-motors with the same driver can be used within the same system;
- Blue tooth enabled touch screen can be used from any android device to determine the settings of instruments. Multiple doctors can save their preferred program which is password protected.
- Tubing on dentist module can easily be replaced via quick coupling;



User Friendly

- 1st hand piece out pneumatic safety lock-out system and automatic recognition of instruments.
- Unbreakable & light syringe with removable head for disinfection.
- One switch for water, air and electricity to protect your chair and your clinic.
- Self service and maintenance friendly with easy spares.
- Smallest & lightest brushless micro-motor from 1500 up to 40,000 rpm. Electronic torque control up to 3 Ncm.



Safer Treatment

- Water-supply hoses are made of material that slows the growth of bacteria, fungi & biofilm.
- Water bottle is close to instruments for lesser chance of contamination in tubings.
- Out-drop valves to prevent suck back of contaminated water into delivery system tubing.
- All instrument holders and hoses can be removed for disinfection.





Assistant Side Unit

- Dedicated left/right assistant's arm
- Choose from 3 or 4 position holders providing hosing for camera and curing light
- Chair programs, bowl rinsing and cup filler can be maneuvered from touch pad
- Single filter system for strong and weak suction



Dental Light

- LED technology dental light from FARO S.pa., Italy, made of solid aluminum alloy;
- Reflected light through 258 small reflecting facets from LUX 3,000 to 50,000, CRI 95 and color temperature 5000 K at any intensity;
- 3D Rotation on the optical axis of the head provides best accuracy of beam orientation;
- The beautifully designed and ergonomic jointed Faro Alya LED operating light can be mounted on the ceiling, wall or the unit.



Cuspidor

- Swiveling and removable ceramic cuspidor with timed cup fills and rinsing of the bowl



Water Bottle

- The water bottle has an automated inbuilt fine mesh filter and pressure regulator with an auto pressure release valve for exchanging or refilling the bottle;



Foot Switch

- Wet/dry foot control with chip blower/Accessory button;
- Standard foot control for rotary instrument control and speed regulation.



Stool and Chair

Upholstery

The choice of the perfect stool is central to the professional's health. Tecnodent S.p.a. has always been dedicated to developing professional and ergonomic stools, which allow the dorsal spine to maintain its natural posture with a proper and harmonic distribution of body weight to prevent pressure pain



Sting ST



Sting LE



Egg-Iron Stool

Upholstery composition and properties

Weight about 1100g/sqm, 97% PVC, 3% PU compound. Air and steam permeable, soft, good touch, elastic, abrasion and tear resistant, flame retardant according to ISO 6875 and UNI 4818.74.



1007 | Black



5011 | Steel Blue



1414 | Red



14966 | Sparkle Green



14766 | Sparkle Red



7502 | Anthracite



5003 | Dark Blue



7791 | Salmon



5511 | Leaf Green



4003 | Heather Violet



1011 | Light gray



1009 | Electric Blue



5503 | Saffron Yello



3493 | Aqua marine green



5510 | Purple



3494 | Silk gray



5023 | Pastel Blue



5017 | Strawberry Red



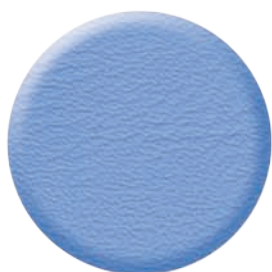
5515 | Apple Green



3492 | Cyclamen Violet



9002 | White



3491 | Perwinkle Blue



8017 | Chocolate



6001 | Taupe



15141 | Sparkle Blue



8017UM | Suede Brown

ACE 300	Features
Patient Chair	
TECHNODENT Sting chair	√
Headrest UNI	√
Left / Right Armrest	√
Upholstery choices – Comfort (with seam)/Suede/Memory Foam	•
Infrared remote	•
Stabilizing Plate for base	√
Trendelenburg Movement	•
Rotation device	•
Instrument Table	
Scaler R (Piezo)	√
Ultrasonic Scaler M	•
Micromotor SLM-P Typ 811	√
Bacteria-filter Germlyser ENT	•
3 Way MC 3FP-S Syringe	√
Fifth Instrument	•
Bluetooth enabled Control Panel with Touch Pad	√
Treatment Center	
Ceramic cuspidor bowl	√
FARO LED Alya ceiling / wall mounted operating light	√
Curing light / Intraoral camera on Assistant unit	•
Water bottle MC S-Stream	√
Stool	•

√ Standard • Optional