

CLINICAL PRODUCT CATALOGUE

A Comprehensive Range of
Premium Dental Products for
Better Dentistry



**QUALITY
INNOVATION
TRUST**



Fussen D50

2 in 1 | 3 in 1 CBCT



Low
Radiation



Fov
15*9/ 5*5



Ai Powered
System



Cloud based
CBCT



CE NMPA

Different FOV to Meet Various Clinical Application Needs



**5*5 cm FOV for
Clearer Imaging**



**15*9 cm FOV for
Enhanced Focus**

Metal Artifact Reduction Algorithm

- Removes shadows and streaks caused by metal restorations and root fillings
- Supports applying this algorithm before or after imaging



Patient Motion Correction



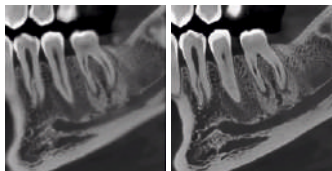
Dynamic Noise Suppression



75 μ m Voxel Size Captures Smaller Details

The endodontic imaging mode with a voxel size of 75 μ m micrometers is particularly suitable for displaying fine details, enhancing the precision of diagnosis for doctors.

100 μ m V/S 75 μ m



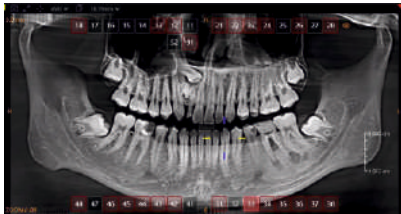
Amorphous Silicon Flat Panel Detector

The amorphous silicon detector maintains strong image quality over time and does not experience significant degradation with increasing years of use.

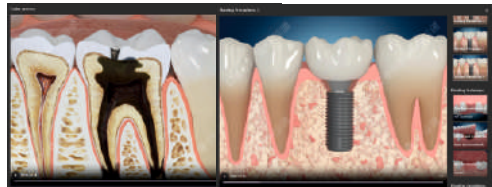


AI Diagnosis Assistant For 3D

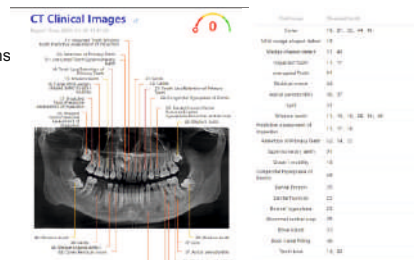
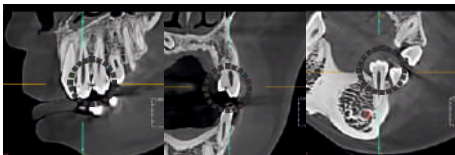
AI-Powered: Rapid and Accurate Disease Detection



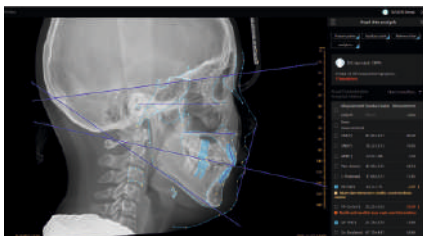
AI-Enhanced Doctor-Patient Communication Video and Report



AI-Powered Precision: Displaying the Optimal View of Conditions



CEPH Tracing



Palm Position Imaging



Technical Specification

Tube Voltage:	60-90kV
Tube Current:	4-10mA
FOV(Diameter*Height):	15*9;5*5
Focal Spot:	0.5mm
Gray Scale:	16bit

Voxel:	0.25; 0.2; 0.1; 0.075mm
Total Filtration:	2.5mm Al
Scan Position:	Standing & Wheelchair
Recd. Working Area	2.5*2*2.5 metre
Machine Dimension:	1.84*1.65*2.28 metre

Exposure Time

CT

PANO

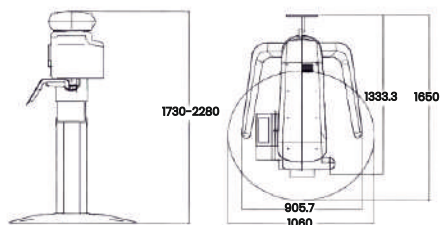
CEPH

Fussen D50	≤15sec	≤15sec	≤10sec
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Dimensions

Recommend size(2 in 1)

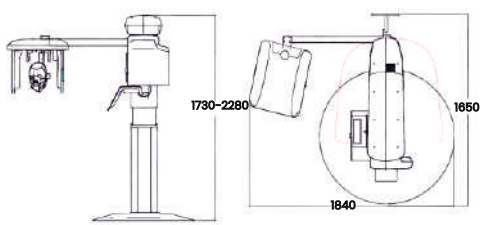
1. Room L 1.3m/ W 2m/ H 2.5m
2. Door width 0.8m



2 in 1

Recommend size(3 in 1)

1. Room L 2.5m/ W 2m/ H 2.5m
2. Door width 0.8m



3 in 1

Professional Support

AGKEM offers dedicated after sales support through a skilled service team and multiple customer care channels, ensuring complete assistance at every stage.

- Professional site layout guidance
- Scheduled on-site installation services
- Personalized one-to-one training
- Complimentary remote software assistance
- Fast response through both online and offline support

Dental Chair Unit

Ultra Model



Specification	Details
Power Supply	230V / 50Hz
Handpiece Tube	2-hole handpiece tube with European plug
Control System	Touch-Based Control Interface
Number of LED Operating Light	12-15 LED Bulbs
Power Consumption	18W
Light Intensity	7k – 50k lux
Motor System	Denmark Ti Motor
Upholstery Material	Medical-Grade Silicone Leather
X-ray Viewer	24V film viewer
Water Heating	24V Heating System

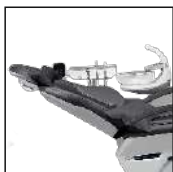
Included Accessories

- Dentist stool – 1 unit
- Foot pedal – 1 unit
- High-speed handpiece tubing – 2 sets
- Low-speed handpiece tubing – 1 set
- Cushions (Neck and Back) – 2 pcs
- Three-way syringe (cold & hot) – 2 pcs
- Strong & weak suction system – 1 set
- Solenoid Valve – 2 pcs

Key Features



Memory Function



Bigger Backrest
& Legrest



Assistant Tray with
Touch panel



Advanced Disinfection
System



High-Performance
12-15 LED Light



Emergency Switch
Button

Colors Available



Multi functional
foot pedal

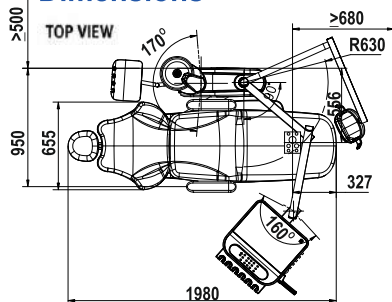


Advance Denmark
Ti Motor System

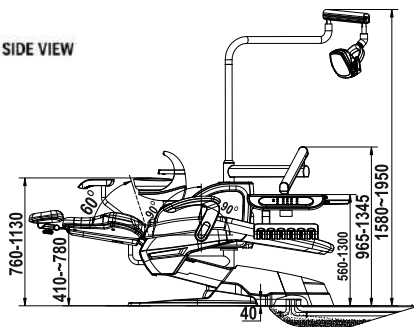
Additional System Features

- Emergency Switch button
- Memory Function
- Double Armrest
- Adjustable Headrest
- Advanced Disinfection System
- Copper valve components for stable performance
- PVC air and water tubing system
- Automatic water supply & cuspidor flushing system

Dimensions



SIDE VIEW



Dental Chair Unit Pro Model



Specification	Details
Power Supply	230V / 50Hz
Handpiece Tube	2-hole handpiece tube with European plug
Control System	Touch-Based Control Interface
Number of LED Operating Light	8 LED Bulbs
Power Consumption	18W
Light Intensity	7k – 50k lux
Motor System	Denmark Ti Motor
Upholstery Material	Medical-Grade Silicone Leather
X-ray Viewer	24V film viewer
Water Heating	24V Heating System
Packaging Size	130 × 100 × 76 cm

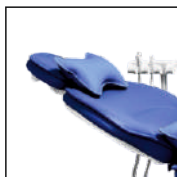
Included Accessories

- Dentist stool – 1 unit
- Foot pedal – 1 unit
- High-speed handpiece tubing – 2 sets
- Low-speed handpiece tubing – 1 set
- Cushions (Neck and Back) – 2 pcs
- Three-way syringe (cold & hot) – 2 pcs
- Strong & weak suction system – 1 set
- Solenoid Valve – 2 pcs

Key Features



Rotatable Ceramic Cuspidor



Adjustable Headrest



Two Solenoid Valves

Colors Available



Stable and Quiet Chair with Backrest



High-Performance LED Light



Under Hanging



2 Cushions (Neck and Back)



2-hole Handpiece tube with European plug

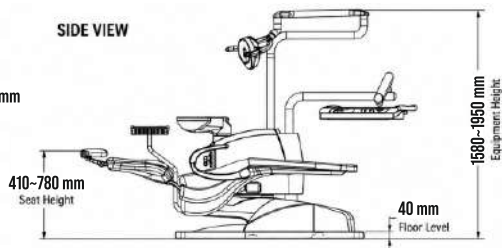
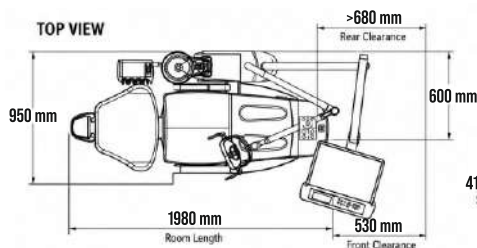


Advance Denmark Ti Motor System

Additional System Features

- Double Armrest
- Adjustable Headrest
- Durable ABS protective covers
- Copper valve components for stable performance
- PVC air and water tubing system
- Automatic water supply & cuspidor flushing system

Dimensions



Dental Chair Unit

Neo Model



Specification	Details
Power Supply	230V / 50Hz
Handpiece Tube	2-hole handpiece tube with European plug
Control System	Button-Plate
Number of LED Operating Light	6 LED Bulbs
Power Consumption	18W
Light Intensity	7k – 40k lux
Motor System	Chinese Xinyi Motor
Upholstery Material	PU Leather
X-ray Viewer	24V film viewer
Water Heating	24V Heating System
Packaging Size	130 × 100 × 76 cm

Included Accessories

- Dentist stool – 1 pc
- Foot control pedal – 1 pc
- High-speed handpiece tubing – 2 sets
- Low-speed handpiece tubing – 1 set
- Three-way syringe (cold & hot) – 2 pcs
- Strong & weak suction system – 1 set
- Solenoid Valve – 2 pcs
- Down-mounted instrument tray – 1 set

Key Features



Rotatable Ceramic Cuspidor



Adjustable Headrest



Two Solenoid Valves

Colors Available



Stable and Quiet Chair with Backrest



High-Performance LED Light



Under Hanging



2-hole Handpiece tube with European plug

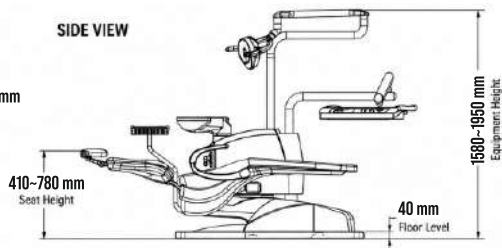
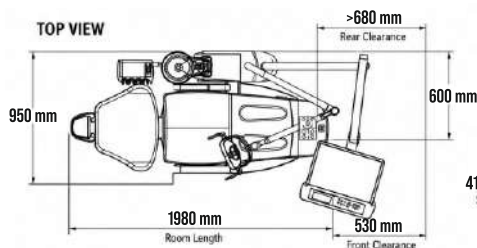


Advance Chinese Xinyi Motor System

Additional System Features

- Double Armrest
- Adjustable Headrest
- Durable ABS protective covers
- Copper valve components for stable performance
- PVC air and water tubing system
- Automatic water supply & cuspidor flushing system

Dimensions



Intraoral Scanner V5



Quicker
Scanning Speed



Case Cloud
Sharing



Ultra Lightweight



Motion Sensing
Button



Extended
Scanning Tip



Metal Scan

Specifications

- Scanning Depth: 25mm
- Handpiece Size: 243x40x32mm
- Connection Method: Type-C connection
- Handpiece Weight: 160g
- Arcbolames Per Second: 20 FPS
- Accuracy: Single $\leq 10\mu\text{m}$, Full $\leq 20\mu\text{m}$
- Tips: 3 Standard / 1 mini / 1 Cover
- Scanning Area: 16x14mm/12x10mm
- Imaging Method: Synchronous 3D Video
- Quick Reset: Yes
- Model Optimization: Yes
- Anti-fog Method: Fan-cooling
- Calibration Tip: 1 Set (Optional)
- Export File: STL, PLY, OBJ





Intraoral Scanner **3DS V3**



Quicker
Scanning Speed



Calibration
Free Scanner



Lightweight
Design



3D True
Color



Humanized
Scanning Tip



Metal Scan

Specifications **Real Color Scanning**

- Scanning Depth: 15mm
- Scanner Weight: 210g
- Scanner Light Source: Advanced LED
- Scanner Size: 240x49.5x30.5mm
- Imaging Mode: Synchronous 3D Video
- Smaller Scanner Tip Size: 80x16x11mm
- Direct Connect Plug & Play
- Calibration: Not Required
- Operating Time: >30000hrs
- Remote Control Function: Yes
- Data Optimization: Yes
- Export File: STL, PLY, OBJ



One Touch
Operation



Ai Fast
Scanning



Plug & Play
USB Connection

Dental **Portable X-Ray** Machine

Cutting-edge choice
for dental diagnostics.



Ergonomic
design, Long battery
life and Intelligent angle
adjustment



Fast
Exposure



Lightweight
Design



Smart Camera
Angle Feature



Ergonomic
Design



Long Battery
Life

Specifications

- Model: POCT22
- Tube Voltage: 70kV $\pm 10\%$
- Tube Current: 2mA $\pm 20\%$
- Input Voltage: 100V-240V
- Frequency: 50Hz-60Hz
- Anode Angle: 12.5°
- Focus: 0.4mm
- Exposure Time Range: 0.04s - 2.0s
- Leak Emissivity: 1 meter 0.25mGy/h
- Machine Weight: 1.7kg
- Relative Humidity: 30%RH - 75%RH



Phoco **RVG** Sensor



Specifications

- Support System: Windows 7, 8, 10
- Cable Length: 3m (Extendable)
- Dimension: 26.5 × 41.3 mm² (Size 1), 31.5 × 41.3 mm² (Size 2)
- Technology: Direct Conversion
- Dynamic Range: 16 bits
- Actual Resolution: 12–14 lp/mm
- Imaging Area: 20 × 30 mm² (Size 1), 25 × 30 mm² (Size 2)
- Thickness: 5 mm
- Imaging Time: 3s
- Image Format: BMP/ DIR/ DCM/ JPEG/ PNG/ TIFF
- Connection: USB 2.0



Dental Laser



High Power
Performance



**Triple Wavelength
Technology**

Minimal
Bleeding

Specifications

- Wavelength: 980nm/450nm + 650nm + 980nm
- Power: 10W / 3W + 200mW + 10W
- Aiming Beam: 650 nm
- Fiber Connection: Medical fiber 200µm, 300µm, 400µm with standard SMA905 connector
- Operating Modes: Continuous / Pulsed
- Dimensions: 225 × 150 × 150 mm
- Weight: ≤ 2 kg
- Battery Capacity: 2600 mAh

Full Range of Accessories



Fiber Stripper



Fiber Cutter



Portable Packaging Case



Biostimulation, Whitening
& TMJ handpiece



Protective Goggles



Footswitch



Fiber tips



Bare Fiber



Bare Fiber Handpiece

B-Class Autoclave 23-Litre

Digital controls



B&D, Helix & Leakage tests



25-min sterilization



Adjusting Door Hook



Inbuilt Printer



American MCP Chip



Digital Display

Specifications

- Voltage: 110V/240V, 50Hz/60Hz
- Power: 2000W
- Volume: 23L
- Chamber Dimension: $\Phi 245 \times 465$ mm
- Machine Dimension: $590 \times 415 \times 410$ mm
- Weight: 45 kg

Water Distiller

Specifications

- Voltage: 220V / 50Hz
- Power: 750W
- Water Transmission: 1.2 L/h
- Chamber Size: 18×18.5 cm
- Boundary Dimension: $22.5 \times 27.0 \times 30$ cm
- Weight: 3.2 kg
- Packing Size: $26.8 \times 26.8 \times 44$ cm



Saturn 4 Ultra (16K)

3D Printer

Specifications

- XY Resolution: $14 \times 19 \mu\text{m}$ (15120×6230)
- Build Volume: $211.68 \times 118.37 \times 220 \text{ mm}$
- Smart Tank Heating at 30°C
- High-Speed with Tilt Release Technology
- Auto-Leveling, Plug-N-Play
- Upgraded AI Camera with Light for Better Monitoring and Timelapse Recording
- 4.0-inch Capacitive Touch Screen
- Max 150 mm/h Printing Speed



Saturn 4 (12K)

Specifications

- XY Resolution: 11520×5120 ($19 \times 24 \mu\text{m}$)
- Build Volume: $218.88 \times 122.88 \times 220 \text{ mm}$
- COB + Fresnel Collimating Lens
- Auto Leveling & Intelligent Mechanical Sensor
- User-Friendly Structure and Advanced Cooling System
- Large Print Size of $218.88 \times 122.88 \times 220 \text{ mm}^3$
- 3.5-inch Resistive Touch Screen
- 9H Hardness Tempered Glass
- Max 70 mm/h Printing Speed



Mercury XS Bundle

Dual Functioning Wash and Cure

Features

- Handheld UV Lamp
- Anti-UV Cover
- 360° All-Round Thorough Curing

Specifications

- 360° All-Round Exposure
- Large Washing Volume of 7000 ml
- Easy and Intuitive Operation
- UV Protection Cover
- Wash Machine Size: 255×155×385.5 mm
- Max Volume:
 - With Platform- 180×121×153 mm
 - Without Platform- 201×124×255 mm
- Cure Machine Size: 246×230×363.5 mm



Standard Photopolymer Resin

Features

- Low Shrinkage and High Precision
- Fast Curing and Great Stability
- Bright and Stunning Colors

Specifications

- Material: Polymer Resin
- Form: Liquid
- Compatible With: LCD / MSLA / DLP 3D Printers
- Hardness: 84D
- Shrinkage: 7.1%



TRAUS SSG10

Electric Surgical Handpiece System

Intended for use in cutting surgeries using reciprocating, sagittal and oscillating saw handpieces with respective blades, **cutting, drilling, grinding and resection** of tissues with multifunctional micro handpieces on drill.



Multifunctional Micro Handpieces on Drill and Saw

CRT14XX	CST10XX	TST10XX	TRT12NRC Reciprocating	TRT12NSG Sagittal	TRT12NOS Oscillating
					
40,000 RPM Gear Ratio (10:1)	1,000-40,000 RPM Gear Ratio (1:1)	1,000-40,000 RPM Gear Ratio (1:1)	500-12,500 CPM Gear Ratio (3:1)	500-12,500 CPM Gear Ratio (3:1)	500-12,500 CPM Gear Ratio (3:1)

Specifications

Console BSG10

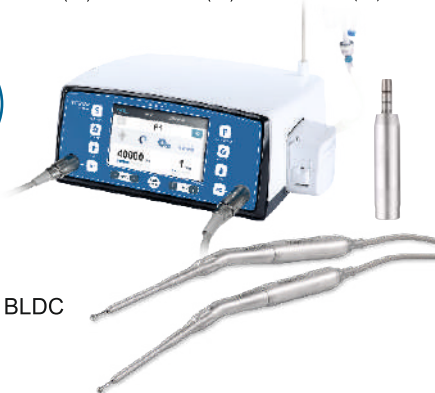
- Input: AC 100–120V, 220–240V
- Fuse: 5A / 2A
- Frequency: 50/60Hz
- Output: 230W
- Weight: 3.2 kg

Protection

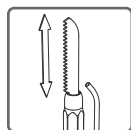
IPX8 Protection Against
Ingress of Water

Motor MBP20SX

- RPM: 40,000 RPM BLDC
- Optic: Non-Optic



SAW



①TRAUS SAB-R15

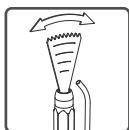
15mm

②TRAUS SAB-R20

20mm

③TRAUS SAB-R30

30mm



①TRAUS SAB-S6

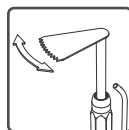
6mm

②TRAUS SAB-S10

10mm

③TRAUS SAB-S10

25.6mm



①TRAUS SAB-O8

6.64mm

②TRAUS SAB-O15

10.3mm

TRT12NRC

Reciprocating

- Speed: Max.12,500 RPM
- Gear Ratio: 3:1
- Stroke Length: 1.8 mm

TRT12NSG

Sagittal

- Speed: Max.12,500 RPM
- Gear Ratio: 3:1
- Stroke Length: 3 mm

TRT12NOS

Oscillating

- Speed: Max.12,500 RPM
- Gear Ratio: 3:1
- Stroke Length: 17 mm

TRT12NSH

ENDO (UBE)



Shaver

- Gear Ratio: 4:1
- Continuous RPM: Max. 6,000
- Oscillating RPM: Max. 5,000
- Oscillating Fuse: 0.5-30 Hz
- Weight: 123 g

Standard Handpiece

TST30NN / CST30NN for 2.35mm Bur

Five handpieces lengths available for versatile surgical applications, ensuring optimal rotation and cutting balance.

TST20NN



CST20NN



TRAUS SUS10

Ultrasonic / Implant Dual Engine



- PIEZO Technology
- Optic Handpiece
- Compact Design
- IPX8 Protection
Against Water Ingress

IPX8



Implant

- BLDC Motor with Speed Range of 0–40,000 RPM
- Standard 20:1 Angle Handpiece for Optimal Torque During Surgery
- 9 Program Memory Function
- Automatic Overload Protection Function
- Motor Auto-Calibration Function

Benefits:

- Stable and Precise Implant Procedures
- Enhanced Safety with Automatic Load Detection
- Customizable Settings for Different Surgical Requirements



Ultrasonic

- Advanced Ultrasonic Technology for High-Precision Bone Surgery
- New Piezo Technology for Optimized Performance and Powerful Output
- Bone Heating Reduced Through Saline Irrigation up to 90 ml/min
- Multifunctional and Ergonomic Foot Switch Design
- Suitable for Crestal Approach, Sinus Lift Ridge Expansion, Bone Harvesting, Bone Grafting, Window Opening, Various Other Surgical Procedures

Handpiece Options



Trous MBP10SL

Optic

- Weight: 139 g
- Dimension: 127 × Ø25.7 mm
- LED Power: Lux 25000



Trous CRB26LX

Optic

- Gear Ratio: 20:1
- RPM: 2,000 Max, 15 Min
- Torque: 70 N·cm Max
- Weight: 82 g



PEZ10XX

- Working Frequency: 27 ± 3 kHz
- Dimension: 148.5 × Ø23.8 mm
- Weight: 228 g (with cord)

Control Box

- Input: AC 100–120 V, 220–240 V (50/60 Hz)
- Output: 48 VA
- Fuse: 5 A / 2 A
- Maximum Pumps: Max. 90 ± 20 ml/min
- Dimension: W 348 × D 276 × H 143 mm
- Weight: 3.6 kg



Piezo Handpiece Tips



SP-SAW



SP-SAW



SP-SAW L



SP-SAW R



SP-016



SP-016



SP-028i



SP-320



SP-400



SP-610

TRAUS SUS20

Ultrasonic Piezo Single Engine

The ultrasonic surgical equipment is designed for osteoplastic amputation, including dental implant surgery.



- **Compact Design**
- **LED Illumination**

- **PIEZO Technology**
- **Optic Handpiece Compatibility**

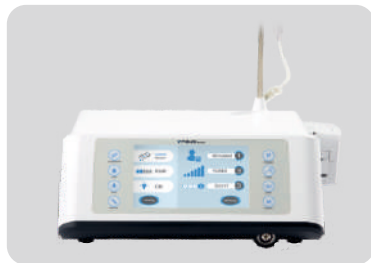
Features

- 5 Programmable Memory Functions
- 5 Saline Pump Levels
- Easy Irrigation Tube Installation
- Clean/Ready Function for Enhanced Reliability
- Wide LCD Screen for Easy Control
- Waterproof IPX8 Foot Pedal



Piezo Single Engine Benefits

- Precise and Fast Cutting
- Intuitive User Interface
- Powerful Performance
- Designed for Patient Safety



Handpiece Options



PEZIOLN

Optic

- Frequency: 27 ± 3 kHz
- Weight: 228 g (with cord)
- LED Power: 24,000 Lux



IPX8

Features

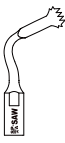
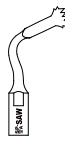
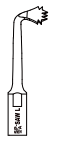
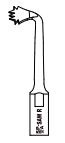
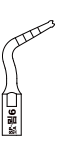
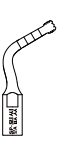
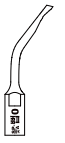
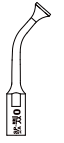
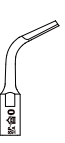
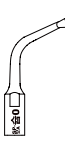
- Excellent Durability
- Easy Control Display
- IPX8 Protection Against Water Ingress

Control Box

- Input: AC 100–120 V, 220–240 V
- Fuse: 5 A / 2 A
- Frequency: 50/60 Hz
- Output: 48 VA
- Maximum Pump Flow Rate: 110 ± 20 ml/min
- Dimensions: W 285.5 × D 261 × H 121.7 mm
- Weight: 3.35 kg



Piezo Tips

Standard						Option			
									
SP-SAW		SP-SAW L	SP-SAW R	SP-016	SP-028i	SP-320	SP-400	SP-610	SP-100
Block Bone / Ridge Expansion				Window Open	Crestal Approach	Implant Site Preparation, Bone Harvest	Sinus Lift	Extract	Scraper/Bone remodeling & harvesting of bone chips

TRAUS SIP10

Implant Engine

The ultrasonic surgical equipment is designed for osteoplastic amputation, including dental implant surgery.



Features

- BLDC Motor (0–40,000 RPM) Designed with Saeshin High Technology
- Compatible Gear Ratios: 1:5, 1:4, 1:1, 16:1, 20:1, 27:1, 32:1, 64:1
- 9 Programmable Memory Functions
- Automatic Overload Protection Function
- Real-Time RPM and Torque Indication
- E-Type Motor (TRAUS MBP10SL/SX) Following ISO3964 Standard Connection
- Motor Auto-Calibration Function
- Ergonomic Foot Controller
- Optic Function (Optional)
- Torque Range: 5–70 Ncm
- IPX8 Waterproof Foot Pedal

Advanced Implant Engine

- 9 Programmable Memories
- Smart Error Diagnosis System
- Real-Time Torque & RPM Display
- Motor Auto-Calibration Function
- Ergonomic Design

Compact Design
Optic Compatibility
25k Lux LED Power

Handpiece Options



TRAUS CRB46LN

Optic

- Gear Ratio: 20:1
- Weight: 82 g
- Torque: 70 Ncm
- Max. RPM: 2,000



TRAUS MBP10SL

E-Type Motor

- RPM: 40,000 RPM
- Dimensions: 127.6 × 131.6 × 296 mm
- Torque: 70 Ncm

Maintenance Friendly – Easy to disassemble by hand without any tools for internal cleaning and maintenance.

Control Box

- Input: AC 100–120 V / 220–240 V
- Maximum Pump Flow: Max. 90 ± 20 ml/min
- Dimensions: W 233 × D 269 × H 123 mm
- Fuse: 5 A / 2 A
- Frequency: 50/60 Hz
- Output: Max. 230 W
- Weight: 2.8 kg



- Optic illumination
- Maintenance-Friendly Design
- Easy Handpiece Disassembly

- High-Torque Implant Performance
- Compact Control Unit Design

X Implant CUBE Implant Engine



Features

- Program Memory: 9 Memories
- Auto-Calibration
- Memory Setting Function
- Irrigation Pump System
- Torque Range: 5–55 Ncm (20:1)
- Speed Range: 0–50,000 RPM (20:1)
- Foot Controller with Water-Ingress Protection

Specifications

ACL-(B) 61L (Handpiece)

- Gear Ratio: 20:1
- Min. RPM: 30
- Weight: 48 g
- Torque: 55 Ncm
- Type: Button

X Implant CUBE i Implant Engine



Features

- Program Memory: 3 Memories
- Revolution: Forward / Reverse
- Memory Setting Function
- Irrigation Pump System
- Torque Range: 5–55 Ncm (20:1)
- Speed Range: 30–2,000 RPM (20:1)

Specifications

ACL-(B) 61L (Handpiece)

- Gear Ratio: 20:1
- Torque: 55 Ncm
- RPM: 1,500 (Max) 30 (Min)
- Weight: 48 g

Im40

- Dimension: 135.2 × Ø26.8 mm
- Weight: 285 g

ACL(B)-61L IM40

Handpieces



Straight (AT-II)

- Straight Angle Design
- Maximum Speed: 35,000 RPM
- Ergonomic Design
- Autoclavable
- Compatible with HP Bur (2.35 mm)



Contra Angle (ACL(B)-01C)

- Push Button Type
- Maximum Speed: 35,000 RPM
- Ergonomic Design
- Autoclavable
- Compatible with CA Bur (2.35 mm)

Brushless E-Type Sealed Motors



Traus MBP10SL (40K)

- Brushless E-Type Motor
- Optic Function (Optional)
- RPM : 40k
- Autoclavable up to 132°C

Optic



Forte 100 αEI (50K)

- Brushless E-Type Motor
- Maximum Speed: 50,000 RPM
- Autoclavable up to 132°C



Strong 108E (40K)

Carbon Brush E-Type Motor

- Maximum Speed: 40,000 RPM
- Torque: 280 N·cm
- Input Voltage: 100 – 120V / 220 – 240 V (50/60Hz)
- Body Material: DC-32V

Traus CAB20ND B2



Specifications

- Max RPM: 440,000 rpm
- Dimensions (mm): Ø14.5 × W16.7 mm
(Head: Ø11.2 × H13.8 mm)
- Body Material: Stainless Steel



**Push Button
Chuck**



**Efficient
Cartridge**



**Ceramic Ball
Bearing**



Ti-Coating



Portable & Desktop Type



Features

- Auto Reverse Function
- Torque Control from 0.6 to 5.2 N.cm
- Gear Ratios: 1:1, 4:1, 10:1, 16:1, 20:1
- 9 Program Memory Function
- Foot On/Off Switch
- Up to 5 Hours Battery Life
- Operates with Battery or Adapter
- Endo Motor with Reciprocating Function

Specifications

- Input: DC 20V, 1.5A
- Output: DC 6V
- Charging Time: Approx. 5 Hours
- Dimensions: 110× 196.7× 138.3mm
- Weight: 582 g

Clinical Micro Motors

OZ-BLACK Brushless Motor



Features

- Desktop-Type Brushless Motor
- High Performance with Strong Torque at Low Speed
- Vertical / Horizontal Placement
- Precision Speed Control

Specifications

- RPM: Max. 50,000 RPM
- Torque: 7.8 N·cm
- Input: 100–120V, 220–240V (50/60Hz)
- Output: 230V
- Right & Left Turning Function
- Hand / Foot Speed Control System
- Progressive Foot Control

210-108E Carbon Brush Motor



Specifications

- RPM: Max. 40,000 RPM
- Torque: 280 gf·cm
- Input: 100–120V, 220–240V (50/60Hz)
- Output: DC 0–32V
- Right & Left Turning Function
- Foot On/Off Switch

Features

- Basic Model Design
- Mini-Compact Body
- Low Vibration Operation
- Standard Carbon Brush Motor
- Reliable Everyday Performance

204C-108E Carbon Brush Motor



Specifications

- RPM: Max. 40,000 RPM
- Torque: 280 gf•cm
- Input: 100–120V, 220–240V (50/60Hz)
- Output: DC 0–32V
- Right & Left Turning Function
- Foot On/Off Switch

Features

- Basic Model Design
- Mini-Compact Construction
- Low-Vibration Standard Carbon Brush Motor
- Reliable and Easy Operation

90-108E Carbon Brush Motor



Specifications

- RPM: Max. 40,000 RPM
- Torque: 280 gf•cm
- Input: 100–120V, 220–240V (50/60Hz)
- Output: DC 0–32V
- Right & Left Turning Function
- Foot On/Off Switch

Features

- Basic Model Design
- Mini-Compact Body
- Low Vibration Operation
- Standard Carbon Brush Motor
- Reliable Everyday Performance

CHAMPION⁴⁵⁰ Vacuum Suction



Features

- Voltage: 220–240 V
- Power Frequency: 50–60 Hz
- Frequency Conversion: No
- Power: 400W
- Max flow: 65M3/H
- Max positive: 12 kpa
- Max vacuum: 8 Kpa
- Noise Level: ≤58 db(A)
- Weight: 26 kg
- Dimensions: 530 × 370 × 630 mm



Noise Reduction System



8 Kpa



Multiple Chair Support



Auto-Adjust Suction



Durable Design

Robust⁴⁵⁰ Vacuum Suction



Features

- Voltage: 220–240 V
- Power Frequency: 50–60 Hz
- Frequency Conversion: No
- Unit Power: 0.4 / 0.5 kW
- Electric Current: 3.0 / 3.5 A
- Suction Power: ≥800 L/min
- Vacuum: 110 mbar
- Noise Level: ≤56 dB(A)
- Weight: 18 kg
- Dimensions: 310 × 450 × 585 mm



Noise Reduction System



800 l/min



Multiple Chair Support



Auto-Adjust Suction



Durable Design

Intraoral Camera

with WiFi



Features

- WiFi Connectivity
- Huawei HI Silicon Chip
- 8 GB Storage (USB Disk)
- 6 LED Lights with Glass Cover
- Stores up to 4 Pictures
- Sony 12 MP Camera Sensor
- HDMI + USB Interface

Specifications

- Gross Weight: 6.0 kg
- Monitor Size: 38 × 37 × 2 cm
- LCD Clamp Size: 34 × 27 × 2 cm
- Package Size: 57.1 × 41.9 × 11.8 cm
- Focal Length: 3 mm – 50 mm (Auto Focus)

MEDIAIR-850 Air Compressor



Features

- Oil-Free Operation
- Low Noise Performance
- Stable Air Supply
- Compact Design

Specifications

- Noise Level: 55 dB
- Tank Capacity: 40 L
- Air Capacity: 156 L/min
- Voltage/Frequency: 220V / 50Hz
- Power: 850 W
- Weight: 30 kg
- Dimensions: 440 × 440 × 570 mm
- Pressure: 6–8 Bar
- Horsepower: 1.10 HP

LED Curing Light

G1



Features

- 1 sec for curing, go quicker than ever.
- Constant power output, born for restoration.
- Ergonomics design, optimize the hand-grip use.
- 360 degree rotatable head, extend the possibility.
- 3 modes Progressive, Pulse, Strong.

Specifications

- Wavelength: 430–485 nm
- Light Intensity: 800–1400 mW/cm²
- Light Source: 1 LED Bulb
- Autoclavable Light Guide
- Power: 5 W
- Input Voltage: AC 100–240V, 50/60Hz

LED Curing Light

G2



Features

- 1 sec for curing, go quicker than ever.
- Constant power output, born for restoration.
- Ergonomics design, optimize the hand-grip use.
- 360 degree rotatable head, extend the possibility.
- 3 modes Progressive, Pulse, Strong.

Specifications

- Wavelength: 385–515 nm
- Light Intensity: 800–1800 mW/cm²
- Light Source: 4 LED Bulbs
- Autoclavable Light Guide
- Power: 10 W
- Input Voltage: AC 100–240V, 50/60Hz

Air Rotor

Standard & Super Torque



- Ceramic bearing
- Push button type
- Steel body with scratch resistant coating
- Noise free

Specification	Standard	Super
Head Size	11x13.3 mm	12.7x13.1mm
Air Pressure	0.2-0.25 Mpa	0.25-0.3 Mpa
Power WATT	22	25
Speed (RPM)	380,000	330,000
O/max Lenght	1.6/25mm	1.6/25mm
Water Spray	Single Port	Single Port

Handpieces



Straight

Contra

Features

- Reliable and Quiet Operation
- Ergonomic Grip Design
- Twist-Tension Chuck System
- Vibration-Free Transmission
- Compatible with 2.35 mm Bur

Straight Handpiece

- Straight Configuration
- Ergonomic Design
- Precision Control

Contra Angle Handpiece

- Contra-Angle Configuration
- Enhanced Access to Treatment Areas
- Smooth and Stable Operation

Air Rotor

Standard & Super Torque LED



Specification	Standard Led	Super Led
Color Temp.	5,500 K	5,500 K
Brightness	25,500 LUX	25,500 LUX
Head Size	11x13.3 mm	12.7x13.1mm
Air Pressure	0.2-0.25 Mpa	0.25-0.3 Mpa
Power WATT	22	25
Speed (RPM)	380,000	330,000
O/max Lenght	1.6/25mm	1.6/25mm
Water Spray	Triple Ports	Triple Ports



Optic



Ceramic
Bearing

Surgical 45° Angled LED & Non-LED



Features

- Color Temperature: 5,500 K
- Brightness: 25,500 Lux
- Head Size (W × H): 11 mm × 13.3 mm
- Drive Air Pressure: 0.25–0.3 Mpa
- Speed: 300,000 RPM
- Power: 22 W
- Max Length: 1.6 / 25 mm
- Water Spray: Four Ports
- Compatible with FG Burs (ISO 1797-1:2011)



Ceramic
Bearing

Ultrasonic Cleaner



CD-4831 (With Heater)

Specifications

- Tank Capacity: 3,000 ml
- Tank Size: 250 × 174 × 78 mm
- Digital Timer Setting: 1–30 min
- Tank Material: Stainless Steel SUS304
- Power Supply: AC 220–240V, 50/60Hz
- Ultrasonic Power: 70 W
- Heating Power: 100 W
- Moisture-Proof PCB
- Built-In Drainage Valve



CD-4821 (With Heater)

Specifications

- Tank Capacity: 2,500 ml
- Max Water Level: 2,100 ml
- Tank Size: 245 × 150 × 76 mm
- Digital Timer Setting: 1–30 min
- Tank Material: Stainless Steel SUS304
- Power Supply: 50/60 Hz
- Frequency: 35 kHz
- Moisture-Proof PCB

Ultrasonic Scaler (Detachable Handpiece)



P4

Specifications

- Atmospheric Pressure: 700–1060 hpa
- Adapter Input: 230V, 50/60 Hz
- Output Power: 3 W to 20 W
- Frequency: 28–33 kHz



6 Scaling Tip

Star Soft Putty, Soft Light Body

A-Silicone Impression Material



Features

- Vinyl Polysiloxane Impression Material
- Light-Bodied Consistency
- Hydrophilic Formula
- Working Time: 1:30 min
- Setting Time: 3–4 min
- Hardness (Shore A): 53
- Elastic Recovery: 99.77%
- Linear Dimensional Change: <0.2%

Packaging

- 1 × 500g Base
- 1 × 500g Catalyst

Root Canal Shaping System

Premium TC Files



Model	Taper	Speed	Torque	Length [mm]	
17#	.08	250rpm	3.0 N.cm	19	
15#	.03	200rpm	0.8 N.cm	21	25
20#	.04	250rpm	1.0 N.cm	21	25
25#	.04	250rpm	1.5 N.cm	21	25
30#	.04	300rpm	2.0 N.cm	21	25
30#	.06	300rpm	2.0 N.cm	21	25
Assorted Pack: 17/8 15/3 20/4 20/6 25/4 25/6				21	25



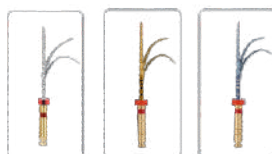
Heat
Activation



Product
Details



Scientific
Sequence Design





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