Agkem®

27 years SINCE 1999

CLINICAL PRODUCT CATALOGUE

A Comprehensive Range of Premium Dental Products for Better Dentistry



QUALITY
INNOVATION
TRUST

www.agkem.com

Agkem®

FUSSEN

Fussen D50

2 in 1 | 3 in 1 CBCT



Low
Radiation

Fov
15*9/ 5*5

Ai Powered
System

Cloud based
CBCT

WARRANTY 5 YEARS WARRANTY

CE NMPA

Different FOV to Meet Various Clinical Application Needs



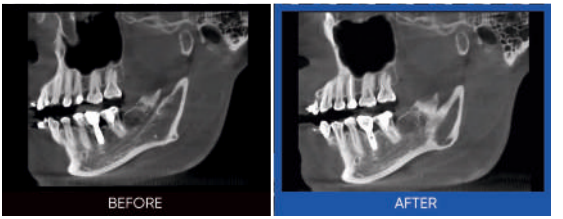
5*5 cm FOV for Clearer Imaging



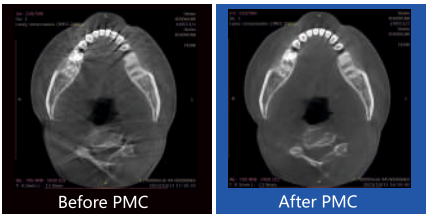
15*9 cm FOV for Enhanced Focus

Metal Artifact Reduction Algorithm

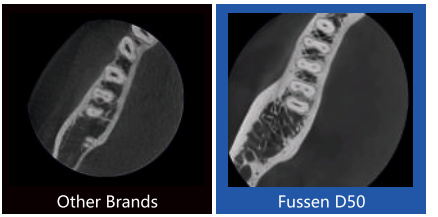
- Removes shadows and streaks caused by metal restorations and root fillings
- Supports applying this algorithm before or after imaging



Patient Motion Correction



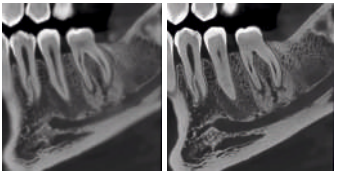
Dynamic Noice Suppression



75 µm Voxel Size Captures Smaller Details

Theendodontic imaging mode with a voxel size of 75µm micrometers is particularly suitable for displaying fine details, enhancing the precision of diagnosis for doctors.

100µm V/S 75 µm



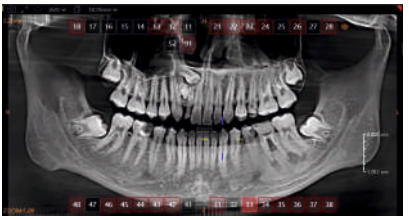
Amorphous Silicon Flat Panel Detector

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

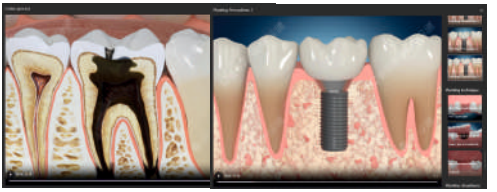


AI Diagnosis Assistant For 3D

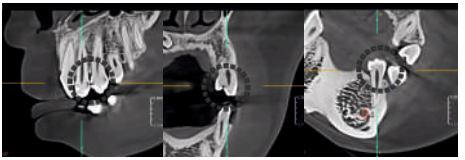
AI-Powered: Rapid and Accurate Disease Detection

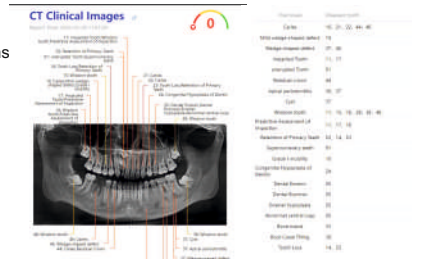


AI-Enhanced Doctor-Patient Communication Video and Report

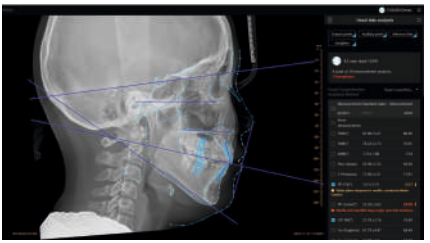


AI-Powered Precision: Displaying the Optimal View of Conditions





CEPH Tracing



Palm Position Imaging



Technical Specification

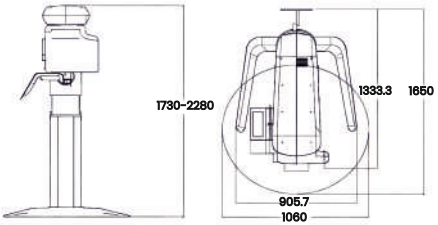
Tube Voltage:	60-90kV	Voxel:	0.25; 0.2; 0.1; 0.075mm
Tube Current:	4-10mA	Total Filtration:	2.5mm Al
FOV(Diameter*Height):	15*9;5*5	Scan Position:	Standing & Wheelchair
Focal Spot:	0.5mm	Recd. Working Area	2.5*2*2.5 metre
Gray Scale:	16bit	Machine Dimension:	1.84*1.65*2.28 metre

Exposure Time	CT	PANO	CEPH
Fussen D50	≤15sec	≤15sec	≤10sec

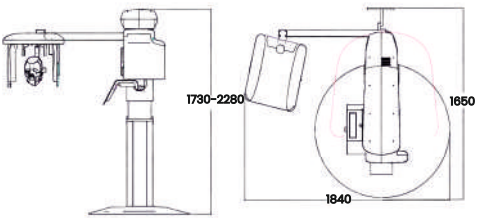
Dimensions

Recommend size(2 in 1)
1. Room L 1.3m/ W 2m/ H 2.5m
2. Door width 0.8m

Recommend size(3 in 1)
1. Room L 2.5m/ W 2m/H 2.5m
2. Door width 0.8m



2 in 1



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

4-Axis Wet Dental Mill

DWX-43W



DGSHAPE CAM Software Included

Mill Up to 6 Pin-Type Blocks

Efficient Operation

Remote Monitor

Easy to Use

Ti

Mill Titanium (only pre-milled abutments)

Automated Maintenance Features Save Time



Tank cover folds flat for easier access



Auto-rinse every 12 hours

Technical Specifications

Millable material *1	Glass ceramics, Titanium alloy, Composite resins, PMMA, PEEK, Sintered zirconia
Loadable workpiece shape	Pin type (Width x depth x height): Max. 40 x 20 x 20 mm (1.5 × 0.8 × 0.8 in.)
Operating speed	XYZ: 6 to 1,800 mm/min (0.24 to 70.9 in./min.)
Attachable milling bur	Shank diameter: 3 mm, dedicated milling bur
Compatible compressed air	0.18 to 0.22 Mpa
Spindle rotating speed	15,000 to 60,000 rpm
Rotary axis travel angle	A:±360°
Number of milling burs housed	6

DGSHAPE offers remote monitoring for all DWX devices through its management software, available in DGSHAPE CLOUD. Access the software to receive notifications of maintenance scheduling to keep your mill up and running, simplify your workflows with new CAM strategies, and swap new and worn burs automatically.

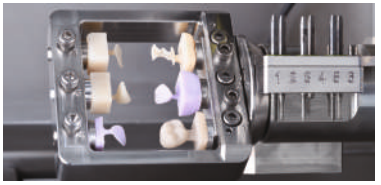


Machine Status



Maintenance Schedule

Faster Milled Production



Multi-pin clamp



VPanel for DWX

Agkem® Ultra

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

Colors Available





Advanced Disinfection System



High-Performance 12-15 LED Light



Emergency Switch Button



Multi functional foot pedal

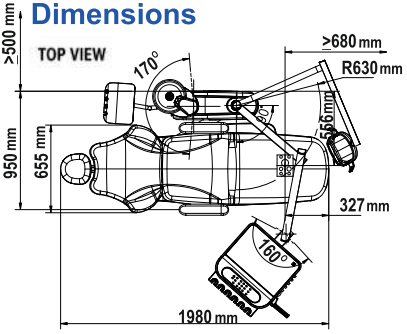


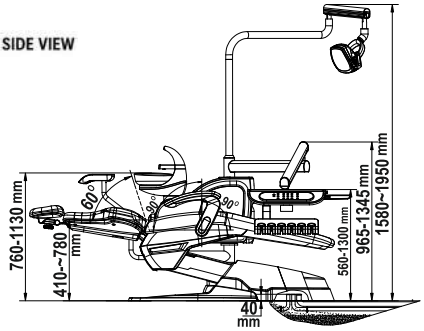
Advance Denmark Ti Motor System

Additional System Features

- Emergency Switch botton
- 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





Agkem® Pro

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



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

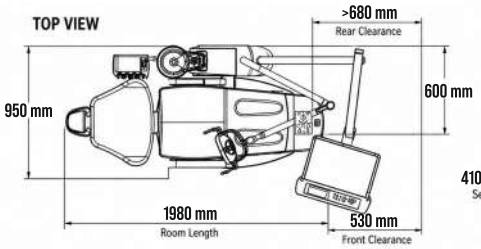
Colors Available

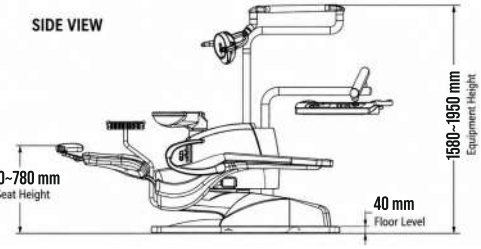


Additional System Features

- 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





Agkem® Neo

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

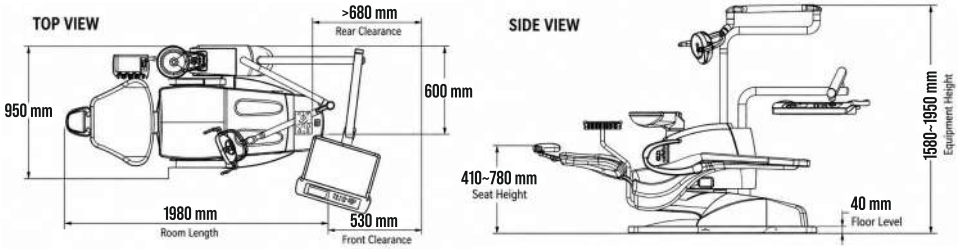


Advance Chinese Xinyi Motor System

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



Complete Dental Chair Setup



Auxiliary Equipment to Complement Your Chosen **AGKEM** Dental Chair

MEDIAIR-850



Air Compressor

CHAMPION 450



Vacuum Suction

Intraoral Camera



Curing Light G1



Carbon Brush E-Type Motor

Strong 108E (40K)



Ultrasonic Scaler P4





Handpieces

Straight Handpiece
Contra Angle Handpiece
Air Rotor

INTRAORAL SCANNER V6



Supports Fast Charging

Direct Base Charging

Lightweight Design

Motion Sensing Button

Dual Battery Setup

Metal Scan

Technical Specifications

Handpiece Size	260x40x32 mm
Connection Method	Wireless Connection
Handpiece Weight	230g (Batteries included)
Arcbolames Per Second	20 FPS
Scanning Depth	Upto 25mm
Scanning Accuracy	Single Crown≤10 um, Full Arch≤20 um
Tips Size	Standard 115x21x16mm/Mini 115x17x13mm
Imaging Method	Synchronous 3D Video
Quick Reset	Yes
Model Optimization	Yes
Export File	STL, PLY(True Color) , OBJ

INTRAORAL SCANNER V5



Experience Next-Generation
Intraoral Scanning.

Scan Smarter.
Diagnose Faster.

Quicker Scanning Speed

Case Cloud Sharing

Lightweight Design

Motion Sensing Button

Extended Scanning Tip

Metal Scan

Technical Specifications

Handpiece Size	243x40x32mm
Connection Method	Wired Type-C connection
Handpiece Weight	160g
Arcbolames Per Second	20 FPS
Scanning Accuracy	Single Crown≤10um, Full Arch≤20um
Scanner Tips	3 standard /1 mini /1 Cover
Scanning Area	Standard 16x14mm/Mini 12x10mm
Imaging Method	Optical Video Capture
Quick Reset	Yes
Model Optimization	Yes
Anti-fog Method	Fan-cooling
Imaging Method	Synchronous 3D Video

Dental Portable X-Ray Machine

Cutting-edge choice
for dental diagnostics.



Ergonomic
design, Long battery
life and Intelligent angle
adjustment

WARRANTY 3 YEARS WARRANTY

Fast Exposure

Lightweight Design

Smart Camera Angle Feature

Ergonomic Design

Long Battery Life

Specifications

- Model: POCT22
- Tube Voltage: 70kV ±10%
- Tube Current: 2mA ±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

Size 1 & 1.5



Imaging within **3 Seconds**

Waterproof **Ip68**

5mm **Thickness**

WARRANTY 5 YEARS WARRANTY

Photon Counting

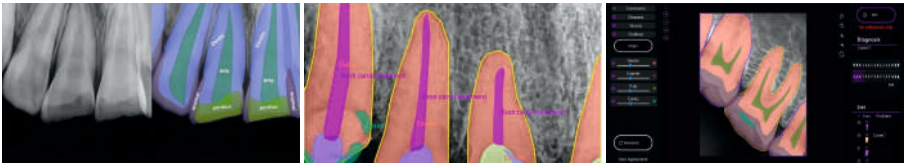
Low Radiation

Reduce Chair Time

High Resolution

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



Specifications

- Wavelength: 980nm/+ 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


Footswitch


Fiber tips


Portable Packaging Case


Biostimulation, Whitening & TMJ handpiece


Protective Goggles


Bare Fiber


Bare Fiber Handpiece

B-Class Autoclave 23-Litre



Adjusting Door Hook

Inbuilt Printer

American MCP Chip

Digital Display

Specifications

- Voltage: 110V/240V, 50Hz/60Hz
- Power: 2000W
- Volume: 23L
- Chamber Dimension: Φ245 × 465 mm
- Machine Dimension: 590 × 415 × 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 × 27.0 × 30 cm
- Weight: 3.2 kg
- Packing Size: 26.8 × 26.8 × 44 cm



Saturn 5 Ultra (16K)

3D Printer

Specifications

- Control screen: 5" touchscreen
- Light source: COB + Fresnel lens (405nm)
- XY resolution: 14×19μm (15120×6230px)
- Layer thickness: 0.01–0.05mm
- Camera: 1920×1080
- Power input: 100–240V AC, 5.5A, 50/60Hz
- Power: 150Wɔ
- Build volume: 211.68×118.37×220mm
- Machine dimensions: 344.6×357.2×547mm
- Package dimensions: 610×425×455mm
- Net weight: 17.4kg
- Package weight: 21kg
- Resin bottle capacity: 1kg



Saturn 4 Ultra (16K)

Specifications

- XY Resolution: 14 × 19 μm (15120 × 6230)
- Build Volume: 211.68 × 118.37 × 220 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 × 24 μm)
- Build Volume: 218.88 × 122.88 × 220 mm
- COB + Fresnel Collimating Lens
- Auto Leveling & Intelligent Mechanical Sensor
- User-Friendly Structure and Advanced Cooling System
- Large Print Size of 218.88 × 122.88 × 220 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



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



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



Specifications

Console BSG10

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





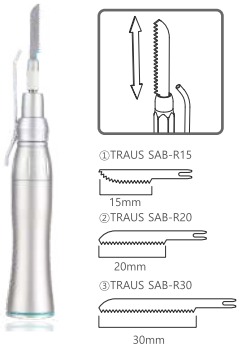
Protection

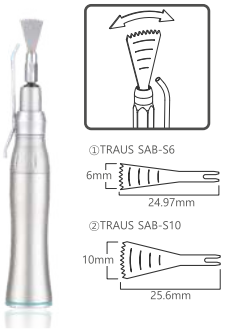
IPX8 Protection Against Ingress of Water

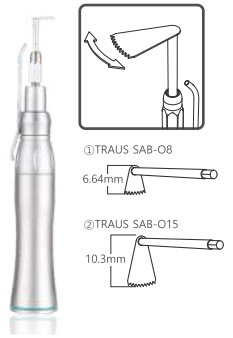
Motor MBP20SX

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

SAW







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)



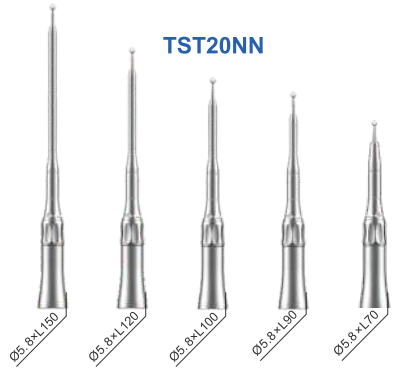
Shaver

- 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.





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

Optic



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



Traus MBP10SL

Optic

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



Traus 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

2EA	2EA	1EA	1EA	2EA	2EA
					
SP-SAW	SP-SAW	SP-SAW L	SP-SAW R	SP-016	SP-016

1EA	1EA	1EA	1EA
			
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.





IPX8

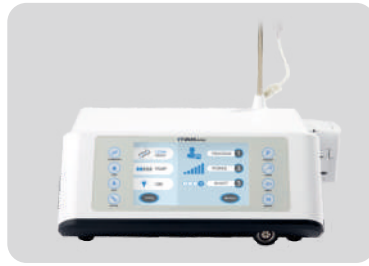


- **Compact Design**
- **LED Illumination**
- **PIEZO Technology**
- **Optic Handpiece Compatibility**

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

Optic



Piezo Single Engine Benefits

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

Handpiece Options



PEZ10LN

Optic

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





IPX8

Features

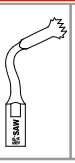
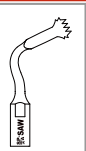
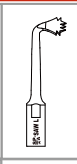
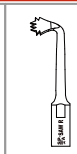
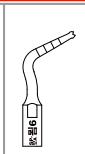
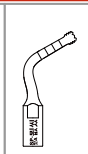
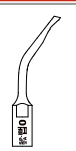
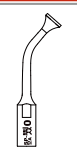
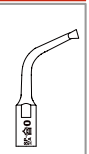
- Excellent Durability
- Easy Control Display
- IPX8 Protection Against Water Ingress

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 Preperation, Bone Harvest	Sinus Lift	Extract	Scraper/Bone remodeling & harvesting of bone chips

TRAUS SIP10
Implant Engine



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**

Implant X 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

Implant X CUBE i Implant Engine



ACL(B)-61I IM40

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

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: 400,000 rpm
- Dimensions (mm): Ø14.5 × W16.7 mm (Head: Ø11.2 × H13.8 mm)
- Body Material: Stainless Steel



Anti-Suck Back Mechanism



Push Button Chuck



Efficient Cartridge



Ceramic Ball Bearing



Ti-Coating

---

endo CUBE 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

Agkem®

CHAMPION 450 Vacuum Suction



WARRANTY 3 YEARS WARRANTY

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

---

Robust 450 Vacuum Suction



WARRANTY 2 YEAR WARRANTY

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)

MEDI+AIR-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





Ceramic Bearing

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)

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]	
				19	
17#	.08	250rpm	3.0 N.cm		
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



Agkem®

Authorized Partners:

Profeta® | FUSSEN | SAESHIN | SHINING 3D DENTAL | STAR CERAM

STARBOND+® | XTCERA | CHAMPION FURNACES | ELEGOO | DGSHAPE A Roland Company | SHOFU

MEDIAIR | DENTROCK® Ultra Hard Die Stone | STARVEST® | STAR Zirconia Blanks | STAR POLEVERE | apl®

WESHINING | PROFESSIONAL SNOW ROCK™ DIE STONE | MESA® PRODUCER OF SPECIAL ALLOYS SINCE 1975 | RACHMILL | ZOTION®

Branch Offices:

AHMEDABAD OFFICE
Shed No.74, Sankalp Industrial Park, NR.S.Ring Road, Muthia village, Ahmedabad, Gujarat, 382330

BENGALURU OFFICE
3-10, Global Village, Main Road, Pattanagere, Hemmigepura Ward, Bengaluru Urban, Karnataka, 560056

CHANDIGARH OFFICE
Ground Floor, Shop no-31, Bhabat Road, Zirakpur, Mohali, SAS Nagar, Punjab, 140603

CHENNAI OFFICE
Plot No.41, Adinath Trade Complex, Ring Road Housing Sector, Chennai, Tamil Nadu, 600060

GREATER NOIDA OFFICE
Site No.4, D-11, Kansa Industrial Area, Greater Noida, Gautambuddha Nagar, Uttar Pradesh, 201308

HYDERABAD OFFICE
Plot No.44, Shop No.6, Mamta Nagar Colony, Road No.1, Nagole Hyderabad, Hyderabad, Telangana, 500068

INDORE OFFICE
Shop No.14, CM-2, Amar Aangan, Basant Vihar, Indore, Madhya Pradesh, 452018

JAIPUR OFFICE
Ground Floor, Shop No.13-14, Toll Tax, Sanganer, Tonk road, Jaipur, Rajasthan, 302029

KOLKATA OFFICE
34A, Raja Naba Krishna Street, Sovabazar Metro Bus Stop, Shobha Bazar, Kolkata, West Bengal, 700005

MUMBAI OFFICE
Plot No. X-21, 412, Next to Akruti Software Park, Next To MIDC X Road No.21, Near MIDC Substation No.6, Andheri East, Mumbai Suburban, Maharashtra, 400093

Agkem Impex Pvt. Ltd.

Corporate Office

503-504, Rishabh Corporate Tower, Plot No.16
Community Center, Karkardooma, Delhi-110092

011-43022244/55

info@agkem.com

www.agkem.com

Service/Support: +91 8810203003

Sales: +91 8826192637

11+ Offices

21+ Global Brands

200+ Products