Digital Solutions Small Equipment Catalog



2026

Digital Intraoral Scanner



Part number

A3010004

Retail Price

$8,900

Specifications

Model		AJS1
Accuracy	Single-tooth	10μm
	Full-arch	20μm
	Frame Rate	20 fps
	Scan Area	16*14 mm (L) / 12*9 mm (S)
Tip	Tip Size (front part)	21.5*18.2 mm (L) / 14*13 mm (S)
	Depth of Field	20mm
	Anti-fogging Technology	Resistive Heating
	Autoclavable	Up to 100 times Autoclavable 121°C 30 mins / Autoclavable 134°C 4 mins
Scan Speed	Single arch	30s
	Full arch	90s
Handpiece	Dimensions	237*49*41m
	Weight	222g
Connectivity	Length	1.8m
	Type	USB 3.0
Date	Output Format	STL, PLY (True Color)
Special Mode		Remote control
Calibration		Calibration-free

Removable Scanner Tip
Automatic anti-fog function

Mode Switch Button
Higher efficiency

Detachable Cable
Only one Type-C cable

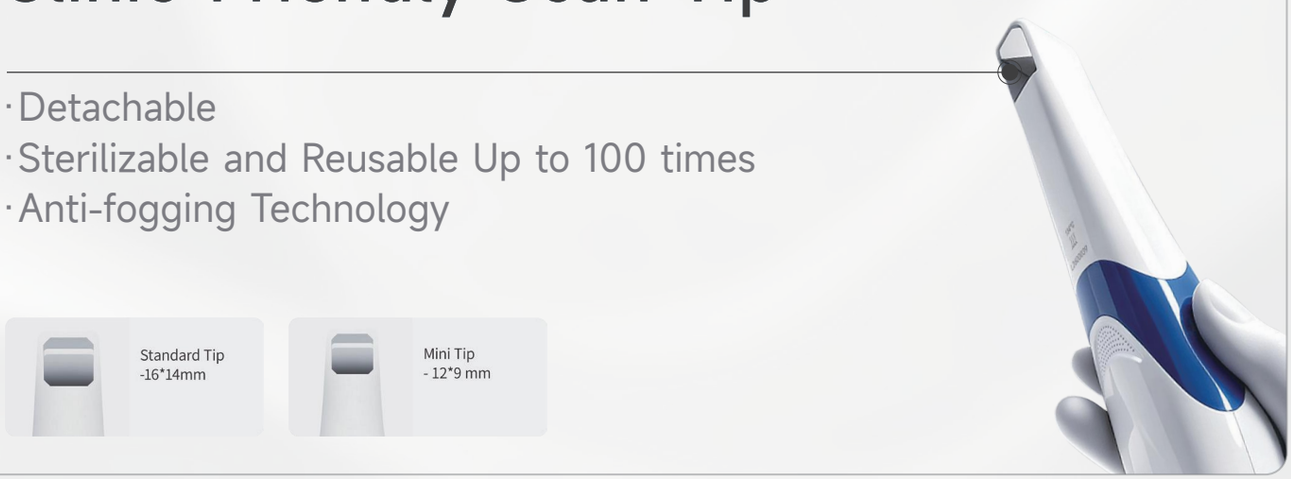


High Precision
Accuracy up to 10μm

Faster Scanning
30s for Single Jaw

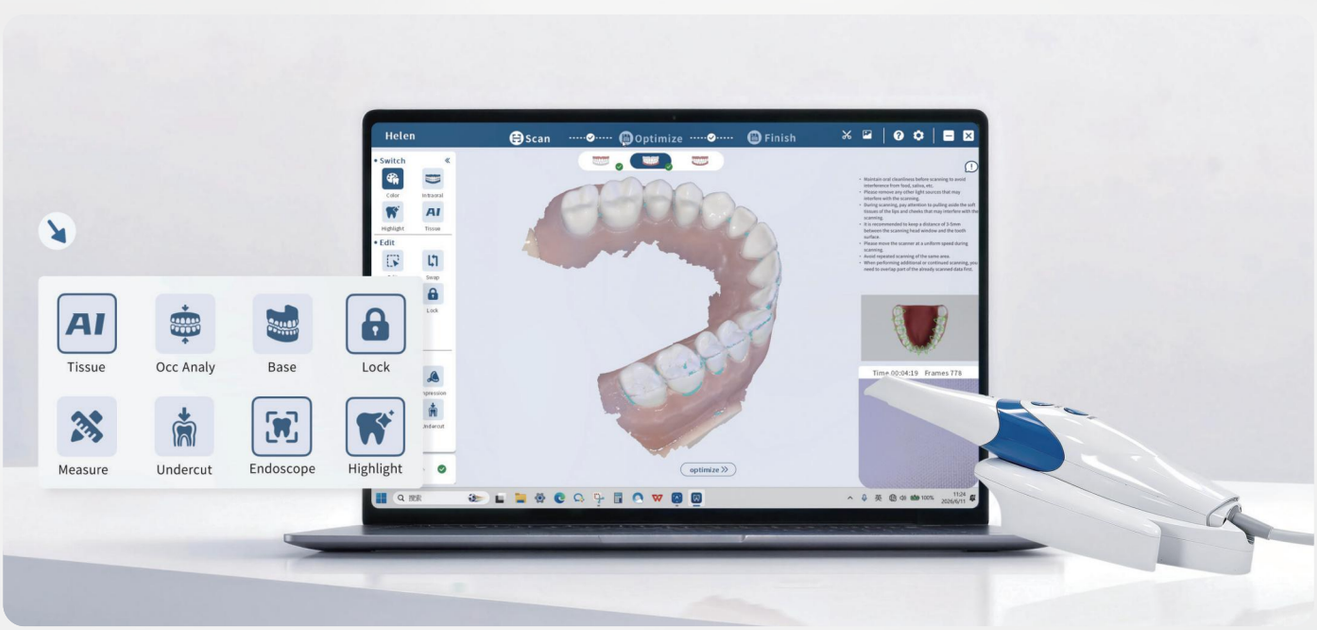
Clinic-Friendly Scan Tip

- Detachable
- Sterilizable and Reusable Up to 100 times
- Anti-fogging Technology



Standard Tip
-16*14mm

Mini Tip
- 12*9 mm



Portable X-Ray Unit AJX300



Part number

A3010001

Retail Price

$3,999

Specifications

Model	AJX300		
Charger Input	AC 100~240V,50/60Hz	Charger Output	DC 25.2V, 1.5A
Maximum Inverter Frequency	80kHz	Tube Current	2.5mA
Exposure Time	0.02~2s (Segmented Adjustment)	Anode Target Angle	15°
Source-to-Skin Distance (SSD)	213mm ± 3 mm	Focal Spot	0.4mm
Total Filtration	>2.5mm Al	Full Charging Time	≤ 2 hours
Additional Filtration	1.5mm Al	Cooling Time	5s
Battery	DC14.4V, 2500mAh,±10%	Backscatter Shield	Yes
Tube Voltage	65kV	Safety Lock	Yes
X-ray Field	Circular, Φ50mm ± 3mm	Warranty	1 Year
Weight	4.2lbs	Dimensions	325*116.5*249 L × W × H(mm) 152*90 Base(mm)
Exposure Shots Per Charge	400 shots with each 0.5s exposure. 1000 shots with each 0.05s exposure		
Internal Battery Replacement	Easy battery replacement, no factory return required		

Professional Imaging

·Freely adjust the angle
·Fast imaging speed
·High quality images



Safer and Reliable

·Precise radiation dose control for different patients and tooth positions, from adults to children.
·Enhanced filtration provides safer and more reliable radiation output.



Flexible and Convenient

·Designed for single-user operation, capturing images with ease.
·Operates directly chairside, easily adapting to various scenarios.

Higher-capacity battery

·Ensures longer operating time and steady performance.

Wider, lower base design

·Keeps the unit stable and well-balanced during use.

Portable X-Ray Unit AJX400



Part number

A3010002

Retail Price

$3,999

Specifications

Model	AJX400		
Input power	950mAh	Tube Voltage	60kV
Charge voltage	DC 25.2V	Tube Current	2mA
Frequency	70KHZ	X-ray tube model	XD10D-0.5/70
Load cycle	0.0625	Anode angle	19°
Leakage radiation	≤0.25mGy/h	Exposuer time	0.01-2s
Full Charging Time	≤ 2 hours	Focal spot	0.8mm
Backscatter Shield	Yes	Cooling Time	5s
Shoulder Strap & Hand Strap	Yes	Safety Lock	Yes
Weight	4.2lbs	Warranty	1 Year
Exposure Shots Per Charge	150 shots with each 0.5s exposure. 400 shots with each 0.05s exposure		
Internal Battery Replacement	Easy battery replacement, no factory return required		



Excellent Image Easy Operation Low Radiation

Lightweight & Ergonomic

·Lightweight and portable design for easy use
·Comfortable grip and effortless operation

Enhanced Protection

·Safer filtration for lower radiation levels
·Adjustable radiation dose to meet clinical requirements and minimize exposure
·Four-layer radiation shielding technology to safeguard user health

Professional Imaging

·Professional and high-quality imaging, capture clear and precise intraoral and dental images to effectively support clinical treatment.



Wide Exposure Adjustment Range

·Covers a variety of clinical scenarios with flexible, on-demand adjustments.



Stable Performance Continuous Use

·Durability and consistent operation, even under high-frequency usage.



Intraoral Digital X-ray Imaging System





AJDR 1

Part number	Retail Price
A124201	$2,800

AJDR 1.5

Part number	Retail Price
A124202	$2,900

AJDR 2

Part number	Retail Price
A124203	$3,000

Specifications

Model	AJDR 1	AJDR 1.5	AJDR 2
Sensor Technology	CMOS	CMOS	CMOS
Scintillator	CIs	CIs	CIs
Pixel Size	20 um	20 um	20 um
Resolution	25 lp/mm	25 lp/mm	25 lp/mm
Gray Value	16 bit	16 bit	16 bit
Number of pixels	1000*1500 px	1200*1650 px	1300*1800 px
Effective area	0.79*1.18 in	0.94*1.30 in	1.02*1.42 in
Power By	5V 500mA via USB	5V 500mA via USB	5V 500mA via USB
Cable Length	8.86 ft	8.86 ft	8.86 ft
Ingress protection rating	IP 68	IP 68	IP 68
Weight	83 g ± 10%	83 g ± 10%	83 g ± 10%
Xray Require	60-70 kV, 1-8 mA	60-70 kV, 1-8 mA	60-70 kV, 1-8 mA
System	Windows 10 or above	Windows 10 or above	Windows 10 or above
Display	1920*1080 or above	1920*1080 or above	1920*1080 or above



AJDR 1



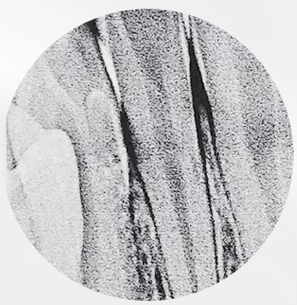
AJDR 1.5



AJDR 2

High-Definition Imaging Accurate Diagnosis

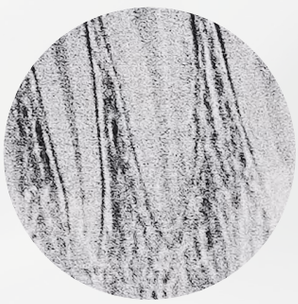
·Clearer X-ray images with maximize detail
·Offer more precise diagnosis and treatment plans



Lower noise



Higher resolution



More details

Excellent Software Efficient Treatment

·Simple interface, easy to operate
·Outline the location of the lesion
·Better understand the dental condition



Intraoral Camera



Part number

A120701

Retail Price

$900

Features:

High resolution as 720P for HD images.

Modern Aluminum housing design makes it concise and durable.

Lens with super depth of field makes the view much clearer.

SPECIFICATIONS

Image Sensor	1/3" HD CMOS
Resolution	1280×720 (720p)
Angle of view	80°
Frame Rate	30fps@720P
Distortion	<5%
Signal Output	USB2.0
Length of Cable	2.5m
Focus Range	5mm~35mm
Operation System	Windows XP/Win7 /Win10(32bit&64bit)

Clear Pictures | Durable Aluminum Shell | Natural Lighting | Professional Lens | Mechanical Key

Clear Pictures

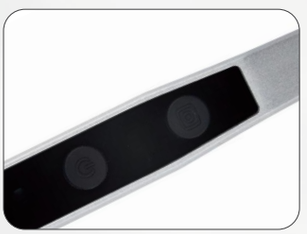
·High-definition image quality with the distortion less than 5% could display the tooth structure perfectly.
·HD 720P for high resolution images capture.





Durable Aluminum Shell

·Electroplated aluminum alloy shell, easy to clean, more durable.

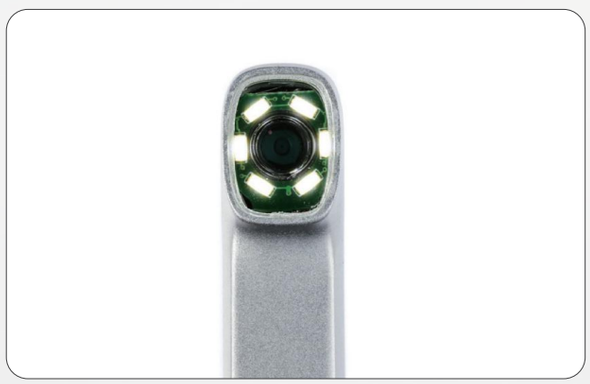
Natural Lighting

·6 natural color LED lights, restore the true color of the internal image of the mouth.




Professional Lens

·Professional dental camera lens, longer service life, stronger anti-aging ability.



Mechanical Key

·The mechanical key feels comfortable and more convenient.



Built in Type Electric MicroMotor M2 Pro



Part number

A128002

Retail Price

$1,800

SPECIFICATIONS

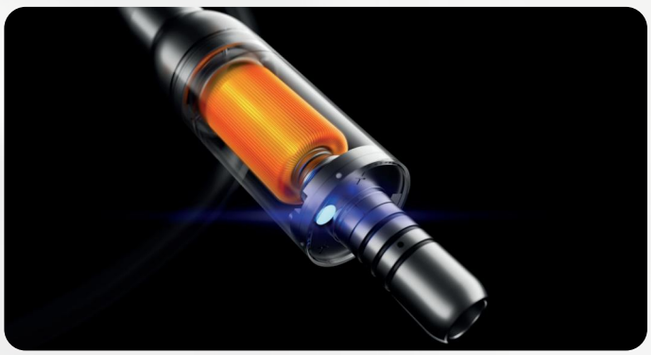
LCD screen	3.5 inches
Motor speed range (With our 1:5 speed-increase contra-angle, the maximum speed can reach 200,000 RPM.)	2,000-40,000rpm
Maximum torque	3.5N.cm
Compatible contra-angle	16:1, 1:1, 1:5 (standard) , 1:4.2
Motor size	φ22x76.7mm
Motor weight	68g

CONFIGURATION

Main unit x1

Motor with LED x1

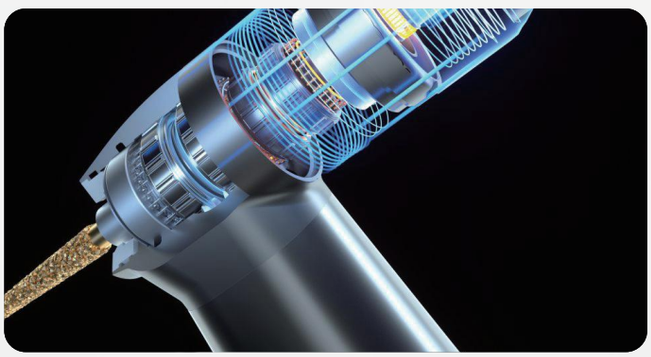




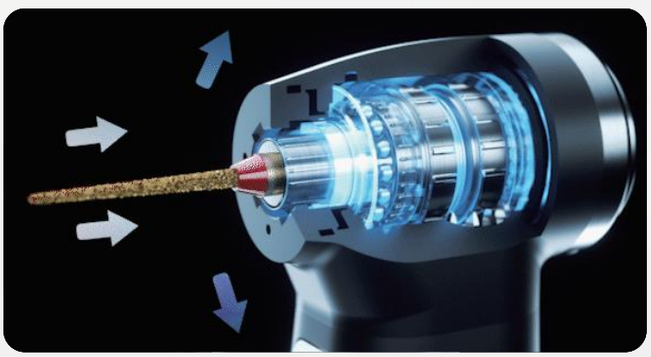
High performance brushless motor
with greater torque and lower noise



Four-hole water spray



Anti-overheating design



Anti-retraction structure

Dental Electric Motor MT2



Part number

A128001

Retail Price

$2,100

SPECIFICATIONS	
LCD screen	3.5 inches
Motor speed range (With our 1:5 speed-increase contra-angle, the maximum speed can reach 200000 RPM.)	2000-40000rpm
Maximum torque	5N.cm
Bur offset	<1.3um
Compatible contra-angle	16:1, 1:1, 1:5 (standard)
Motor size	φ22x76.7mm
Motor weight	70g
CONFIGURATION	
Main unit x1	Power adapter x1
Motor with LED x1	
1:5 contra-angle with LED and German bearing x1	





High performance brushless motor
with greater torque and lower noise



Four-hole water spray



One button control



Preparation with turbine handpiece
Rough surface with pits



Preparation with electric handpiece
Smooth surface without scratch

Minimally invasive repairing
precise teeth preparation

Electric Handpiece

For implant motors

Gear ratio:(20:1)

WP-1L

Part number

A128104

Retail Price

$1,200



For electric motors

Gear ratio:(1:5)

WJ-45TL

Part number

A128103

Retail Price

$1,200



For electric motors

Gear ratio:(1:4.2)

WJ-45L

Part number

A128102

Retail Price

$1,250



For electric motors

Gear ratio:(1:1)

WJ-11L

Part number

A128101

Retail Price

$500



Model		WP-1L	WJ-45TL	WJ-45L	WJ-11L
Pictures					
Specifications	Application	For implant motors	For electric motors		
	Gear ratio	20:1	1:5	1:4.2	1:1
	Angle	90°	91.5°	45°	90°
	Head size(L × Ø)	14 × 10.2 mm	13.7 × 8.7 mm	14.2 × 8.7 mm	13.6 × 8.2 mm
	Bur	Ø2.35 mm	Ø1.6 mm		Ø2.35 mm
	Max speed	2000 rpm	212,500 rpm	178,500 rpm	41,000 rpm
	Water supply mode	External water cooling	Internal water cooling	Internal water cooling	
	Number of spray ports	Single spray	Quattro spray	Triple spray	Single spray
Features	Anti-heat design	✓			×
	Bearings	German bearing			
	Push-button chuck	✓			
	Anti-suction design	Double sealing system	✓		
	Fiber optics	✓	✓		
	Microfilter	×	✓		
Configuration		•Contra-angle × 1 •Lubricating fitting × 1 •LED water pipe clamp × 1 •Y-shape water pipe × 1 •Cleaning needle × 1 •Center nozzle × 1 •Allen wrench × 2 •Hexagon socket set screw × 4	•Contra-angle × 1 •Lubricating fitting × 1 •Cleaning needle × 1 •Clamping bar × 1		•Contra-angle × 1 •Lubricating fitting × 1 •Cleaning needle × 1

Ultrasonic Scaler D8 LED



Part number

A120433

Retail Price

$900

Intelligent Touching System

12-level power adjustment for precise control
Ultra-sensitive touch panel with waterproof design
Seamless operation regardless of film,
gloved hands, or water presence

Top-notch Handpiece

Handpiece with LED for better visibility
No need for frequent adjustments to the dental chair light, delivering more convenient operation
Can be autoclaved thanks to the unique sealing technique, preventing cross-infection



Ultrasonic Scaling

Three modules: G P E
Five functions: supragingival scaling, periodontal treatment, endodontic treatment, restoration preparation, and implant maintenance
Offer a one-stop ultrasonic solution fitting to various clinical needs

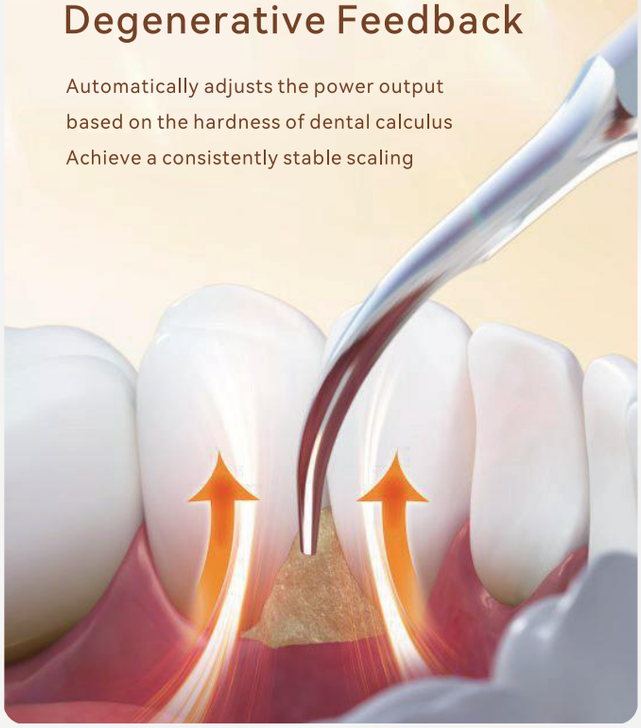
Automatic Water Supply System

900mL water reservoir, plug and play
Knob adjustment can accurately control water flow
Clear scales for easy monitoring of water usage
(Note: Can hold distilled water and 5% sodium hypochlorite solution; rinse the tubing after using medical solution.)



Intelligent Degenerative Feedback

Automatically adjusts the power output based on the hardness of dental calculus
Achieve a consistently stable scaling



Advanced US chip

High-quality chip guarantees smooth program running
Enable quick response and stable output
Bring an enhanced clinical treatment experience





Waterless Mode Design

One-touch switching between water mode and waterless mode
Accommodates various tip requirements
Enhance operational efficiency for a smoother user experience

Curing Light
U-Light



Part number

A120302

Retail Price

$600

360° ROTATABLE HEAD

Easily reach every angle

FULL-METAL BODY

More impact-resistant, longer durability

UPGRADED PUSH BUTTON

Prevents accidental touches, offering precise control

2200mAh HIGH-CAPACITY BATTERY

Larger battery for longer operating time

LIGHT INTENSITY UP TO 3000 mW/cm²

Cure 2 mm resin in 1 second, improving the efficiency of resin curing.

Especially suitable for orthodontic brackets, porcelain veneers, post-core adhesives and pit and fissure sealant.



3 WORKING MODES FOR OPTION

P0 (Turbo mode)
Light intensity:
2700-3000 mW/cm²
Time setting: 1s, 3s

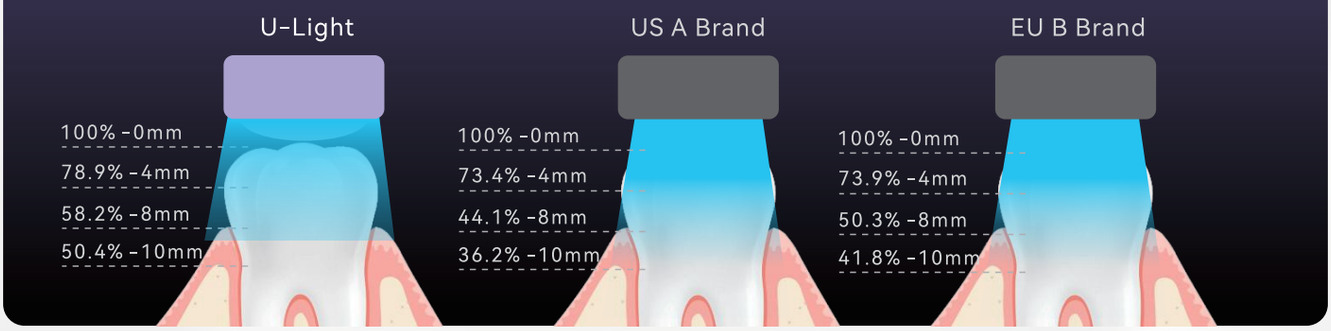
P1 (High mode)
Light intensity:
1800-2000 mW/cm²
Time setting: 3s, 5s

P2 (Normal mode)
Light intensity:
1000-1200 mW/cm²
Time setting: 5s, 10s, 15s, 20s



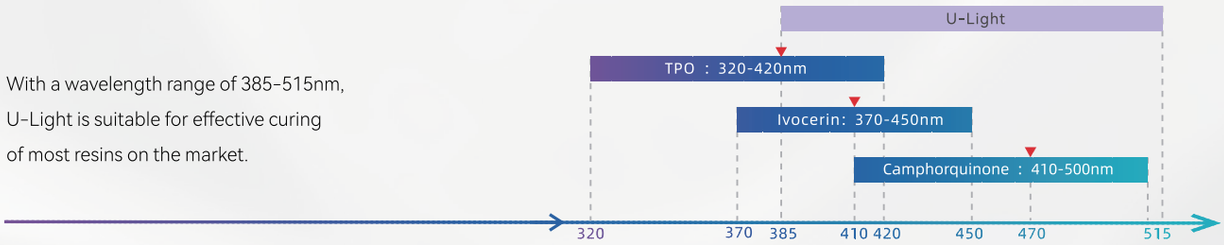
LESS LIGHT LOSS

Compared to other curing lights, U-Light reduces light loss for more reliable curing.



WIDE SPECTRUM CURING LIGHT

With a wavelength range of 385–515nm, U-Light is suitable for effective curing of most resins on the market.



▼ Indicates: This photoinitiator can better absorb light at this wavelength range.

Note: the data comes from the official website of Ivoclar Vivadent.

SPECIFICATIONS

Wavelength	385nm–515nm
Maximum Light Intensity	3000mW/cm²
Light Head	360° rotatable metal light head
Power	10W
Lens Diameter	10mm
Irradiation Area	78mm²
Handpiece Weight	126g
Handpiece Material	Aluminum Alloy (all-metal body)
Battery Capacity	2200mAh
Battery Life	10 seconds/cure, can be used 1200 times

Dental Air Polishing Handpiece



Model: AP-H

Part number
A128301

Retail Price
$550

• Configuration: 1 Handpiece

Model: AP-H Plus

Part number
A128302

Retail Price
$800

• Configuration: 2 Handpiece

0.7mm small caliber nozzle

Nozzle caliber for powder measures 0.7mm
Nozzle caliber for water measures 1.4mm



Supragingival & subgingival mode Two-in-one

0.7mm small caliber nozzle

Three-section air-polishing handpiece design

360°

360° rotatable
Pre-bendable subgingival nozzle

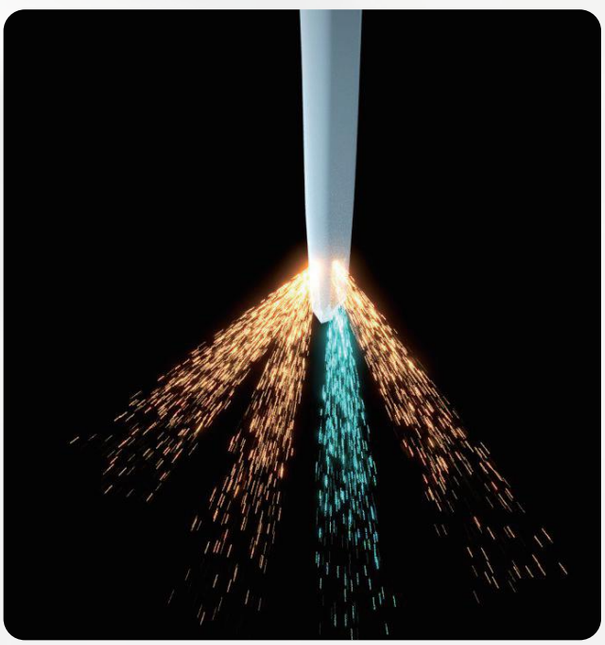
Transparent powder container enables easier observation of remaining powder

The whole device weights about 125g

Three-section air-polishing handpiece design
Detachable handpiece

Handpiece can be detached for maintenance if clog occurs,
which makes it unique among all the brands.





360°rotatable
Pre-bendable subgingival nozzle

Three-direction powder output
One-direction water output
Efficiently eliminate biofilms
Thoroughly clear dead ends



User-friendly design

Transparent powder container enables
easier observation of remaining powder

ENDO MOTOR
MotoPex



Part number

A128401

Retail Price

$1,600

SPECIFICATIONS

Motor reciprocating angle	10° interval
Speed range	100-1800RPM
Torque range	0.4-5.0N.cm
Reciprocating angle adjustment range	20° -400°

2000mAh Lithium battery

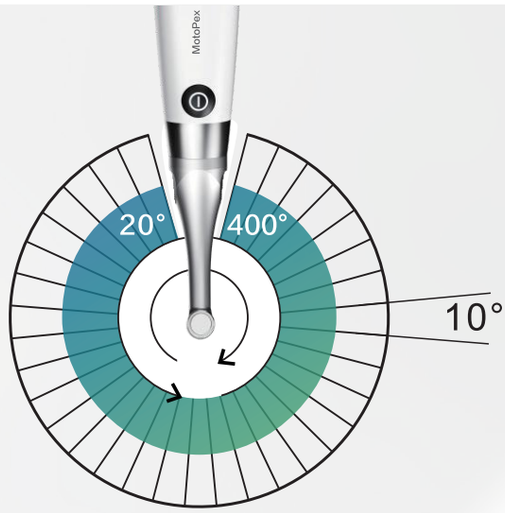
360° rotatable contra-angle

6:1 Contra-angle

Front center-of-gracity

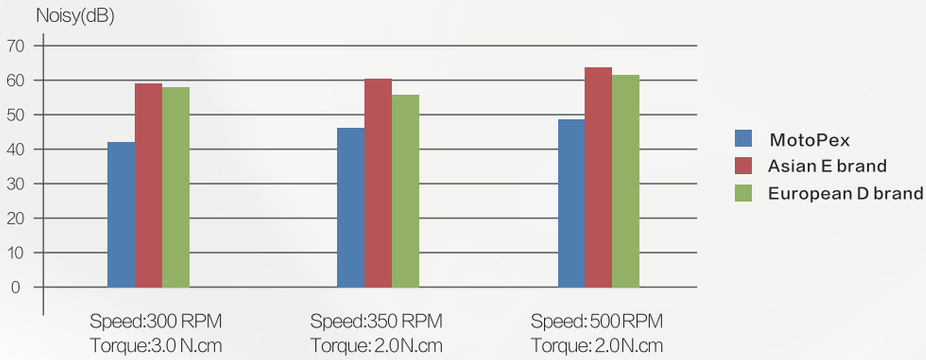
High performance brushless motor

1– Adjustable reciprocating angle
(10° interval; adjustment range: 20° –400°);
Accurate rotating angle reduces risk of instrument fracture and enables higher preparing efficiency.

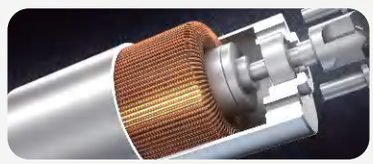


10° for each unit

2– Smooth rotation and lower noise make treatment more endurable for patients.



3– Strong power, together with accurate and stable torque output, helps to realize efficient root canal preparation.



Service life of motor:
Brushless Endo Motor=Brush Endo Motor × 10

Compatible with
all mainstream file systems



Apex Locator
DPEX V



Part number

A128501

Retail Price

$900

⑤ Alarm prompt volume setting

OFF, Low, Medium, High

⑥ Short-circuit test reminder

When the file clip is short-circuited with the lip hook, if the icon is lit, the connection is good.

③ Root canal length indicator bar 2

Active when the file reaches the apical 1/3

⑦ Battery level

② Root canal length indicator bar 1

Active when the file is in the root canal

④ 0.0 APEX apical foramen

The red indicator area indicates that the file exceeds the apical foramen

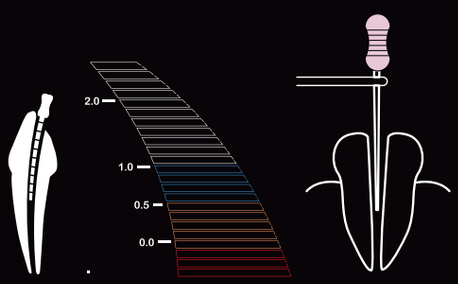
① Preset apical alarm

Preset position for root canal length measurement
Can be set within the range of 0.0 ~ 1.0

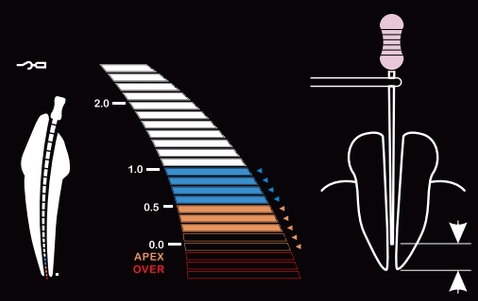


Multi-configuration | File clip x4 | Lip hook x5 | Probe x2

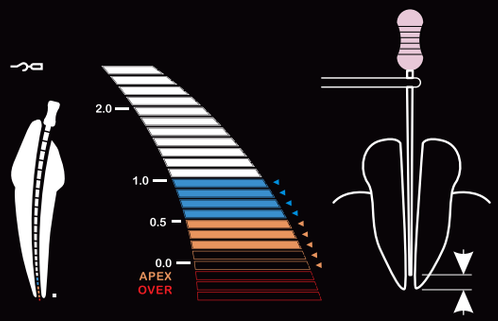
Display the file position in the root canal



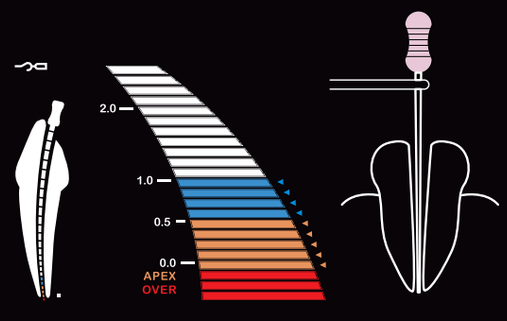
Insert the file into the root canal, and the root canal length indicator bar 1 will display accordingly. With the advancement of the file, the root canal length indicator bar will also display accordingly.



When the file reaches apical 1/3, the root canal length indicator bar 2 starts to display, and there are intermittent low-frequency "beep" sound prompts.



When the tip of the file reaches the preset position of the apical alarm, there is a continuous high-frequency "beep" sound prompt.



"00" means that the file reaches the apical foramen. If the tip of the file exceeds the APEX position and enters the red area, it exceeds the apical foramen.

Dental Implant Unit
Implant Air



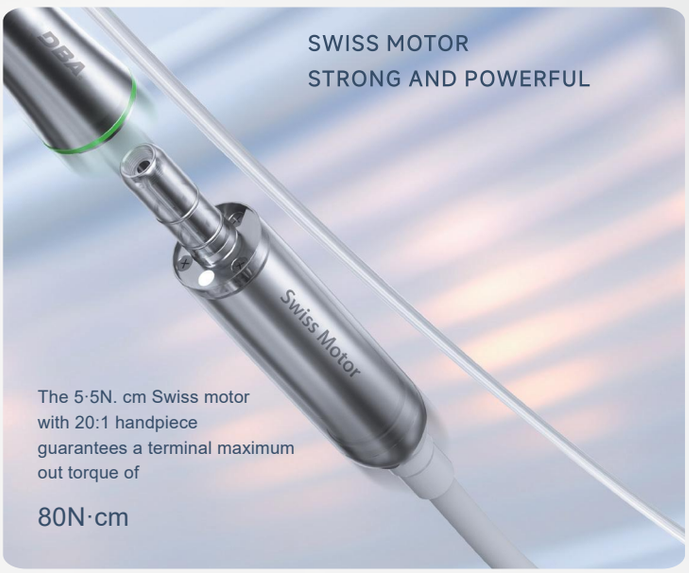
Part number

A128201

Retail Price

$4,200





Speed range	Torque range	Max water volume	Motor size	Motor weight
300 - 42000rmp	(20:1)5N·cm- 80N·cm	135ml/min	φ23.4mmxL 91mm	140g

PEAK VALUE DISPLAY VISUAL AND EASY

In the implantation procedure,
the user interface enables real-time
display of peak output torque
of each operation, which is convenient
for doctors to judge the highest torque
of the current operation,
confirm the implant initial stability,
and reduce redundant steps.





Vertical body, compact design, more space-saving
5-inch LCD color touch screen, 5 preset programs,
automatic saving of parameters after each operation
More simplified operation,
bringing a convenient and comfortable user experience

Length	Width	Height
155mm	167mm	227mm



Add: 1590 S Milliken Ave., unit A, Ontario, CA 91761

www.adsdental.com

Tel: 626-620-0456

E-mail: sales@adsequip.com

Technical Support: 800-488-9708 West Coast: 626-633-7636 East Coast: 626-366-3848