

**OSSTEM<sup>®</sup>**  
IMPLANT



## **OSSTEM<sup>®</sup>** H SERIES

Expanded Operational Visibility and Dexterity



**H310L**



**H510L**



- Stainless Steel Body • ISB Turbine • Cellular Glass Optics
- Ceramic Bearings • Clean Head System • Quattro Spray

Power : 20W, Speed : 360,000~430,000 min<sup>-1</sup>, Head Size : ø12,1 x H13,3mm

Connect to Osstem Couplings  



Optic MODEL H510L

- Stainless Steel Body • ISB Turbine • Cellular Glass Optics
- Ceramic Bearings • Clean Head System • Quattro Spray

Power : 16W, Speed : 380,000~450,000 min<sup>-1</sup>, Head Size : ø10,6 x H12,4mm

Connect to Osstem Couplings  



Optic MODEL H310L



#### Cartridge Replacement

Cartridges are easily replaced in your practice helping you to control cost and down-time. The replacement cartridge incorporates the spray holes to guarantee cartridge and water spray always work well together.



#### Water Spray & Cellular Optics

The NSK Water Spray effectively cools the entire operating field whilst the cellular glass optic rod delivers light exactly where it is needed.



Washable in the thermodisinfectors



Autoclavable up to 135°

**OSSTEM<sup>®</sup>**  
IMPLANT



## A SERIES

Classic Economy Handpiece Series

Simplified Technology : Quality Performance :  
Low Cost Maintenance



Powerful Partners<sup>®</sup>



# A SERIES

Integrated Handpieces : Ergonomic :  
Functional : Reliable

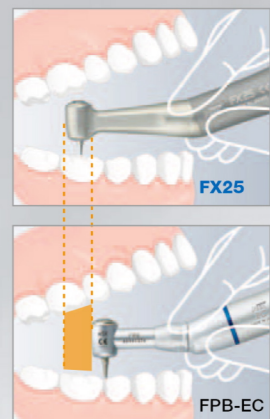
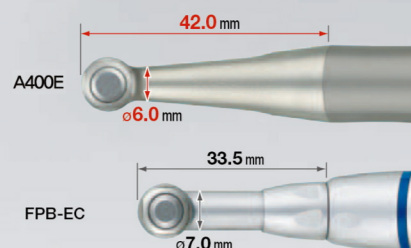
Osstem A handpiece series – a modernization of the EX series.  
The traditional Osstem simple design technology, functional reliability,  
durability, and cost effective pricing still remains, but A series has been updated to an  
intergrated design in response to modern demands.



## Improved visibility : Ideal balance

The extra slim head and body design greatly improves direct and indirect visibility to the oral operational field. This includes increased visibility of even difficult access areas in the oral cavity.

The slim, lighter weight design delivers an entirely comfortable ergonomic balance, especially when used in conjunction with the new Osstem AE Mini Air motor.



Maximum accessibility

# OSSTEM<sup>®</sup> AE

## Shorter and Lighter for Unsurpassed Balance

AE Air Motor is approximately 25 percent shorter and 30 percent lighter than previous Air Motor models. The miniature size delivers powerful torque and, when connected to a handpiece, ergonomic balance is significantly improved for increased hand comfort and fine hand movements during all clinical procedures.

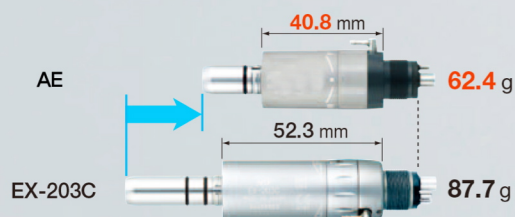


### Easily Withstands Repeated Autoclaving

AE easily withstand repeated autoclaving at up to 135°C.



### Reduced Size and Weight for Unsurpassed Balance



# AE Air Motor Set



MODEL AE SET

ORDER CODE **Y1002665**



• Midwest 4 hole

Contents

- Air Motor (AE)
- Straight handpiece (A400E)
- Contra-angle handpiece (A200E)

# AE Air Motor

- External Water Spray
- Max. 25,000 min<sup>-1</sup>



MODEL AE

ORDER CODE **M1005002**



• Midwest 4 hole

# Handpiece

1 : 1 Direct Drive



MODEL **A400E** ORDER CODE **H1014002**

- For HP burs (ø2.35)
- Max Speed: 40,000 min<sup>-1</sup>



MODEL **A200E** ORDER CODE **C1052002**

- For CA burs (ø2.35)
- Push Button Chuck
- Dust Proofing System
- Ball Bearing
- Max Speed: 40,000 min<sup>-1</sup>

# Spare Parts

MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE
<b>FX25-04</b> Head cap for FX25/FX23		C1052500	<b>FX Spray nozzle</b> For FX25/FX23/FX15		C1052702	<b>Tube (RSM)</b>		Z166101
<b>FX25-03</b> Cartridge for FX25		C1052700	<b>Spray nozzle</b> For FX65		H019711	<b>FX Wrench</b> For FX25/FX23		C1052701



Washable in the thermodisinfectior



Autoclavable up to 135°C





# Ultrasonic Scaler

# SONIC BUFF 300

## MEDICAL DEVICE

### Components

- Handpiece
- Lead wire
- Controller Kit
- Torque Wrench 2ea
- Tips 2ea
- Autoclave tray
- Volume
- User's Manual



## ● Components

No	Part Name	Spec	Qty
1	Handpiece	<ul style="list-style-type: none"> <li>Dimension : <math>\phi 16.5 \times 95.2\text{mm(L)}</math></li> <li>Weight : 40g</li> </ul>	1
2	Leadwire	<ul style="list-style-type: none"> <li>Dimension : <math>\phi 8 \times 2100\text{mm(L)}</math></li> <li>Weight : 94g</li> </ul>	1
3	Controller	<ul style="list-style-type: none"> <li>Input Voltage : 24VAC, 32VDC</li> <li>Frequency : 50/60Hz</li> <li>Current : MAX800mA</li> <li>Dimension : 61mm(D)<math>\times</math>49mm(L)<math>\times</math>33mm(H)</li> <li>Weight : 104g</li> <li>PCB : UL94V-0</li> </ul>	1
4	Tip	<ul style="list-style-type: none"> <li>Name : DIT Tip A</li> </ul>	2
5	Torque Wrench	<ul style="list-style-type: none"> <li>Dimension : <math>\phi 33 \times 39\text{mm(L)}</math></li> <li>Weight : 16g</li> </ul>	2
6	Sterilizing Tray	<ul style="list-style-type: none"> <li>Dimension : 185mm(D)<math>\times</math>95mm(L)<math>\times</math>48mm(H)</li> <li>Weight : 223g</li> </ul>	1
7	Volume	<ul style="list-style-type: none"> <li>Spec : 2kg</li> <li>Weight : 16g</li> </ul>	1

## ● Specifications

Insulation Class		Class 2, BF type
Input Power	Voltage	AC 24V
	Current	AC Max 800mA
	Frequency	50 / 60Hz
Ultrasonic	Operation Frequency	Automatic scanning, 28 $\pm$ 3KHz
	Output Power	Max 13w
Ambient Temperature	Transport & storage	-10 $^{\circ}\text{C}$ to 40 $^{\circ}\text{C}$ (-14 $^{\circ}\text{F}$ to 104 $^{\circ}\text{F}$ )
	Operation	10 $^{\circ}\text{C}$ to 40 $^{\circ}\text{C}$ (50 $^{\circ}\text{F}$ to 104 $^{\circ}\text{F}$ )
Relative Humidity	Transport & storage	10% to 95%
	Operation	30% to 75%

## ● Features

- (1) Ultrasonic scaler to be mounted inside dental unit chair
- (2) Designed for mounting in all types of unit chair
- (3) High-pressure steam sterilization of hand piece, torque wrench and tip at the temperature of 135 $^{\circ}\text{C}$  possible
- (4) Stable operation as operation frequency of each tip is automatically controlled
- (5) Using safe materials certified for medical use

