

# Denjoy®

## Meta Endo

### Device Integration & Interactive Visualization

App connection by bluetooth for operation status visualization

Updated software in future will be compatible with more dental devices

Multi-purpose dental trays to place dental consumables

Integrated charging system without messy wires



### Configuration for Meta Endo-I with Trolley

standard	Meta Pex, Meta Motor, Meta Fill, Trolley, Meta Pulp,
promotional item	Meta Pack ( free gift )
optional	ultrasonic activator
purchase separately	tablet computer ( >1920*1080 , >7.9 inch )

The picture is for reference only.  
Please be subject to the actual products.

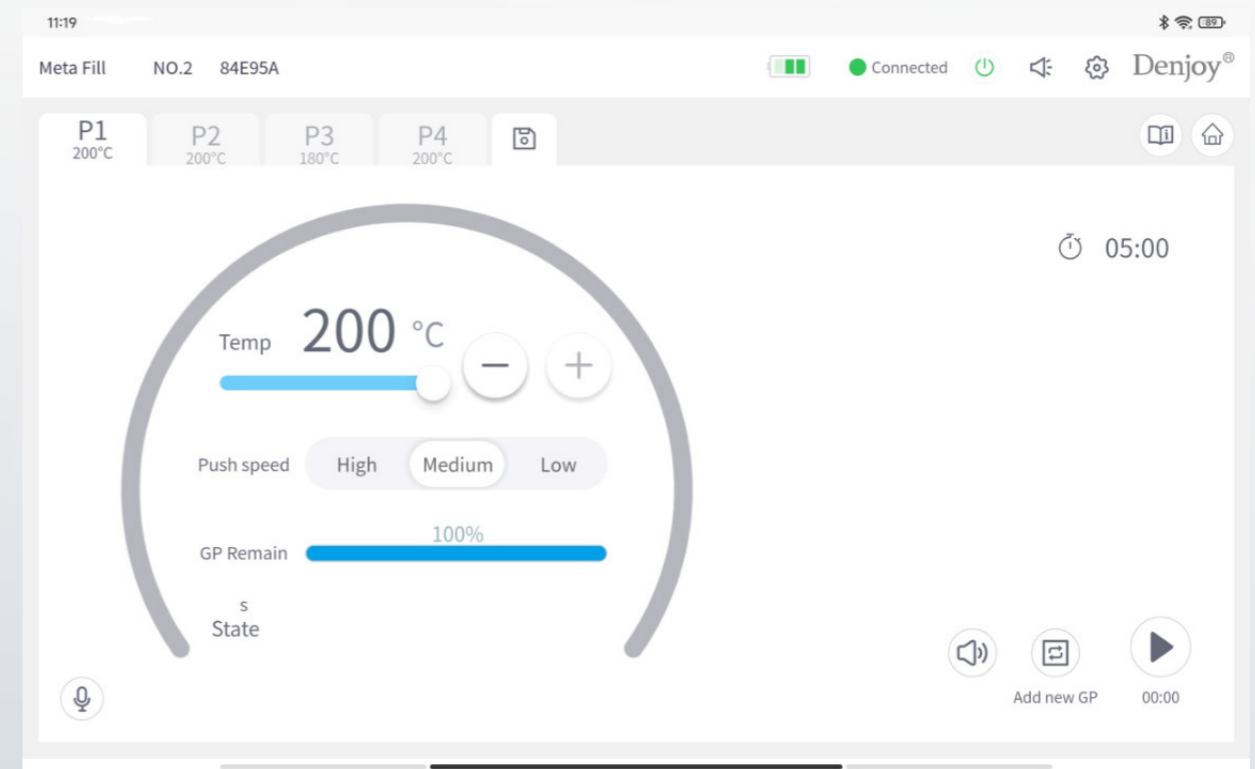
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## Meta Fill Electric Obturator



360°  
Start/Stop Ring

- App connection by bluetooth for operation status visualization
- Electric injection: injection speed can be adjustable set by App
- Special Design: electromagnetic induction heating for handling comfort



- Compact size & light-weight: only 150g & 178mm to reduce wrist fatigue
- Precise control of GP extrusion rate and easy addition of GP cone
- Without App: MetaFill can still work  
( only push speed when injection cannot be adjustable)

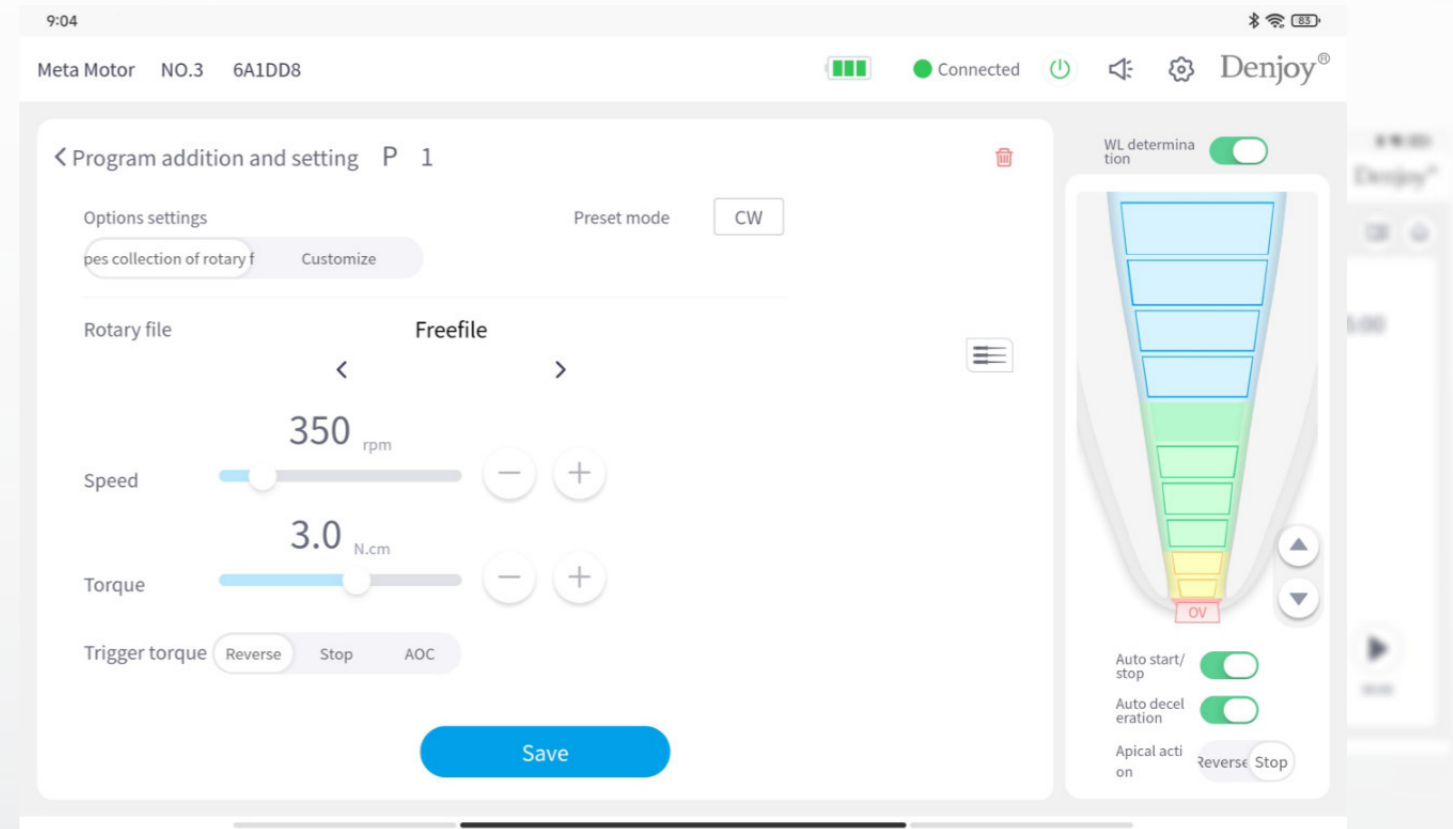
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# Meta Motor

## Operation Status Visualization



- App connection by bluetooth for operation status visualization
- 2 in1 integrated device:  
WL measurement & preparation
- ACC (Adaptive Cruise Control):  
No need to set parameters



- Brushless motor for speed stability & high efficiency
- Mini rotatable 6:1 contra-angle with damper
- Wide speed 100~1500 rpm, Wide torque 0.4~5.0 N/cm
- Various operation modes: ACC, AOC, REC, CW, CCW



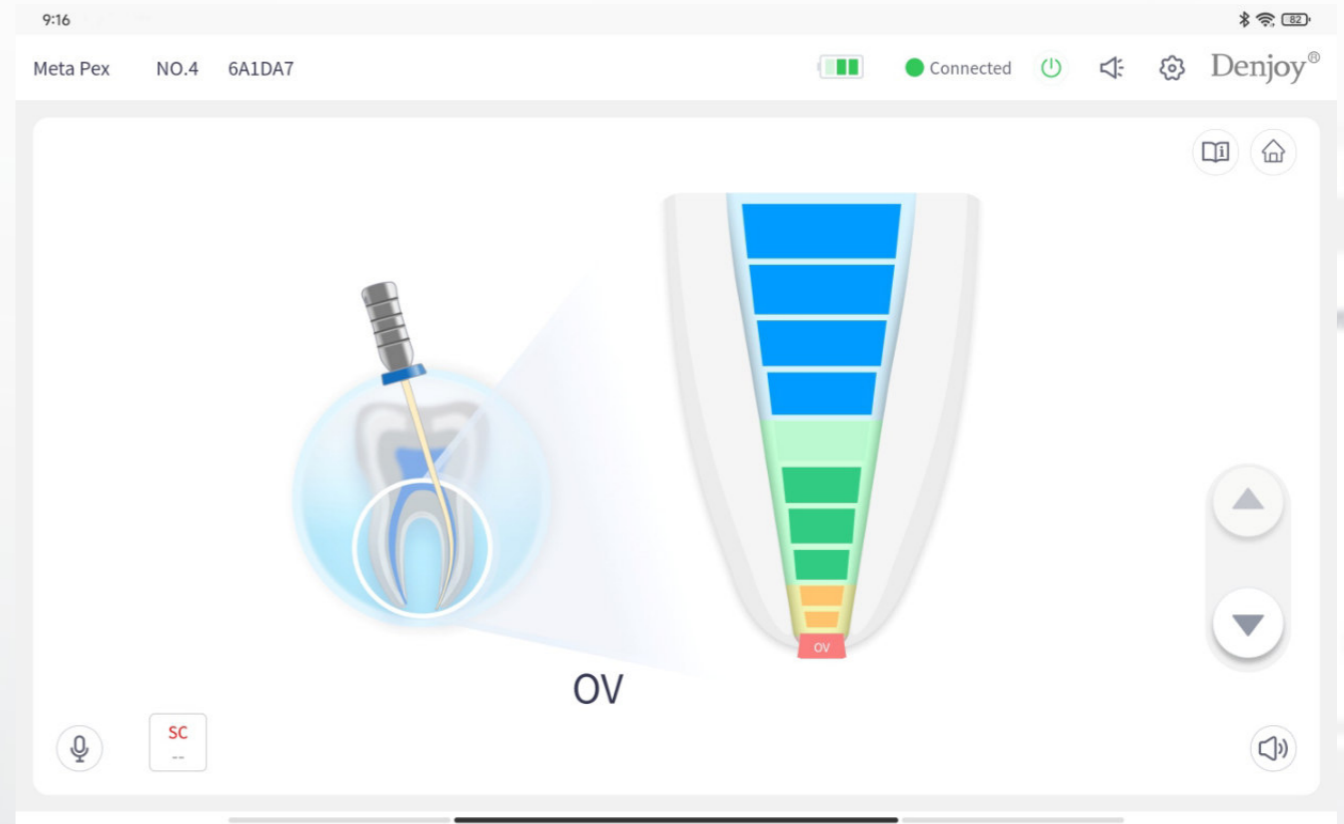
Preset usage parameters of rotary files for many brands: Denjoy, Dentsply Sirona, FKG, United Dental, VDW, SybroEndo, SANI, Orodeka, IMD, Henry Schein

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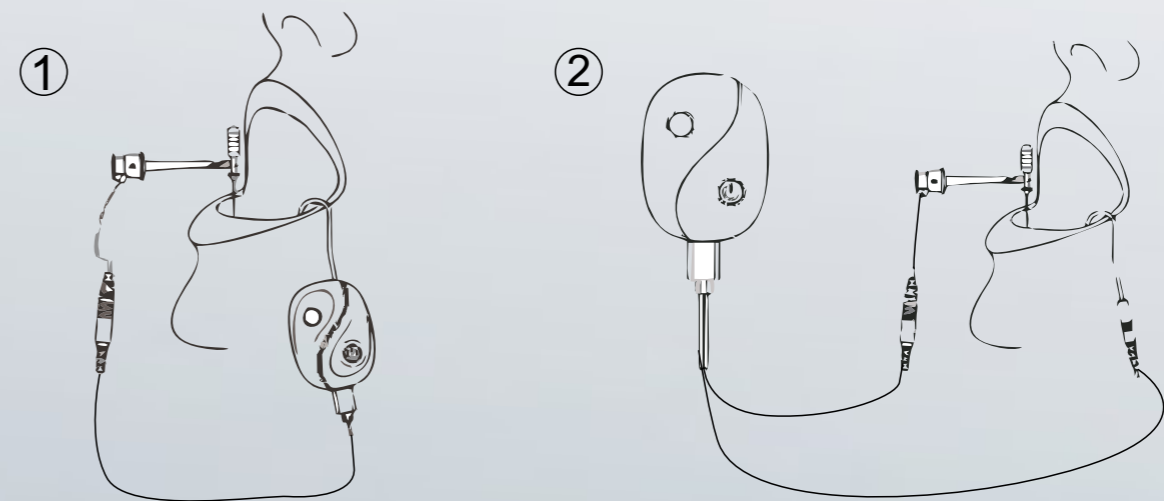
# Meta Pex

Audible and Colorful

- App connection by bluetooth for operation status visualization
- Emits audible information using progressive sound control
- Different colors (yellow,green, blue,purple,red)to indicate the device status



- Intelligent algorithms to ensure accuracy
- Ergonomic MINI design: compact size 40\*27\*19mm



2 ways of use

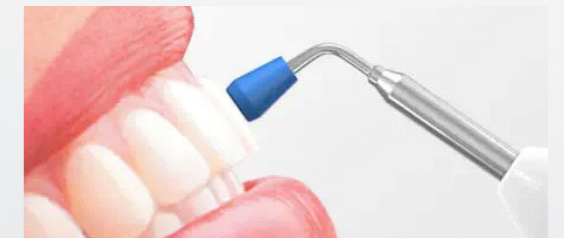
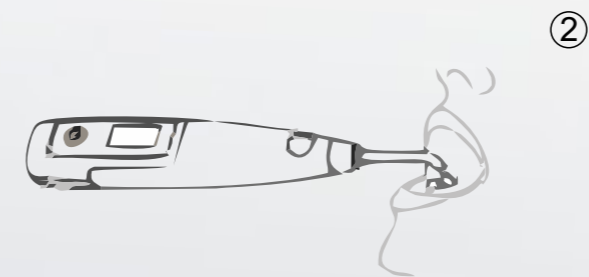
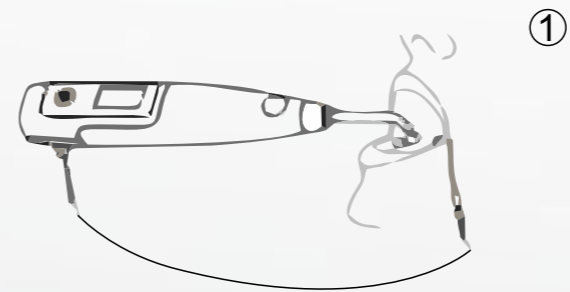
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# Meta Pulp

TWO methods for determining  
the vitality of pulp  
(electric & heat pulp testing)

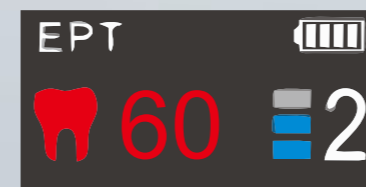
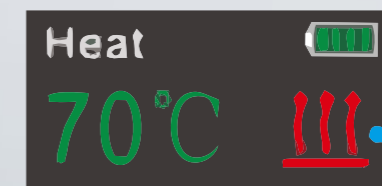


- Ergonomic design: compact size, left-right handed use
- Electric pulp test (EPT): auto test (AT) & manual test (MT)



- EPT records number:  
1~80 (1~39 Green, 40~80 Red)

- Heat pulp test range: 70°C±20°C



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# Meta Pack

Excellent Choice for Down-pack

Wide temperature range: 100~300°C

Fast heating  
reach the temperature 200°C within 0.2s



0.2s

- 360° start/stop ring for heating enables excellent handle feeling
- Filling area can reach 3mm to apex for hermetic sealing
- Pre-bendable heat tips are suitable for curved root canals
- 4 heat tips for choice: F, FM, M, ML



# TECHNICAL DATA

## Main Technical Index

model	Meta Endo-I (with trolley)
radio transmit power	2400-2483.5 MHz
occupied bandwidth	≤ 20 dBm (EIRP)
input for adapter of trolley	100~240V 50/60Hz, 1.5A MAX
output for adapter of trolley	24V DC, 30A
input for adapter of charging base	100~240V 50/60Hz, 0.8A MAX
output for adapter of charging base	5V DC, 3A

## Mobile Terminal Requirements

screen size	7.9 inch or above
screen resolution	1920*1080 or above
RAM	above 2GB
storage	above 4GB
processor	above 2Ghz
Android	above 6.0
iOS	above 10.0

## Meta Motor

wireless connection	bluetooth 4.0
speed range	100-1500 rpm
torque range	0.4-5.0N.cm
handpiece contra angle	ratio 6:1
battery	3.7V, 2000mAh
size & net weight	26*28*140 mm, 128g

## Meta Fill

wireless connection	bluetooth 4.0
temperature range	100~200°C±10°C
push speed	High, Medium, Low
Injection needle	23 Ga and 25 Ga
battery	3.7V, 2000mAh
size & net weight	29*30*178 mm, 150g

## Meta Pex

wireless connection	bluetooth 4.0
apical area setting	±0.5mm
battery	3.7V, 120mAh
size & net weight	27*40*19 mm, 22g

## Meta Pulp

temperature range	100~200°C±10°C
push speed	High, Medium, Low
battery	3.7V, 2000mAh
size & net weight	29*30*178 mm, 150g

## Meta Pack

temperature range	100~300°C
heat plugger	Type F, FM, M, ML
heat time setting	2S~10S
battery	3.7V, 2000mAh

