



Dentaport ZX

Reliable apex location – perfect endodontics

 J.MORITA MFG.CORP.

Thinking ahead. Focused on life.


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With the Dentaport ZX handpiece, you have the best prerequisites for excellent treatment results: The micromotor with its optimal speed range combined with the apex locator are perfectly adapted for extremely accurate root canal treatment with excellent results. Dentaport ZX: State-of-the-art endodontic treatment equipment for first-rate quality root canal preparation.

Endodontic treatment with high precision, optimal revolutions and comfortable handling

Measuring accuracy and results are determined by means of the quotient method. Impedances of two frequencies are measured. Dentaport ZX offers 11 torque levels and 8 speed ranges, up to 800 rpm, as well as 4 different safety functions. With its ergonomic, compact, easy-to-use design, Dentaport ZX offers the perfect balance between efficiency and pleasant handling. Even during complicated, difficult and long treatment sessions, Dentaport ZX nestles comfortably between your thumb and pointer finger.



Dentaport ZX – highlights at a glance

Lightweight and compact handpiece

perfectly balanced and smooth-running

Precise, continuous measurement

during the entire canal preparation

9 individually, flexibly adjustable speed ranges

from 0 to 800 rpm

11 torque levels

automatically activated with torque-dependent direction of rotational change

Programming

3 preset memories for different file profiles

Auto Torque Reverse

to prevent file tilting in the root canal

Auto Apical Slowdown

individually adjustable function when approaching the file tip

Auto Start/Stop

when the file is inserted and/or withdrawn from the root canal

Beeping sound with adjustable volume

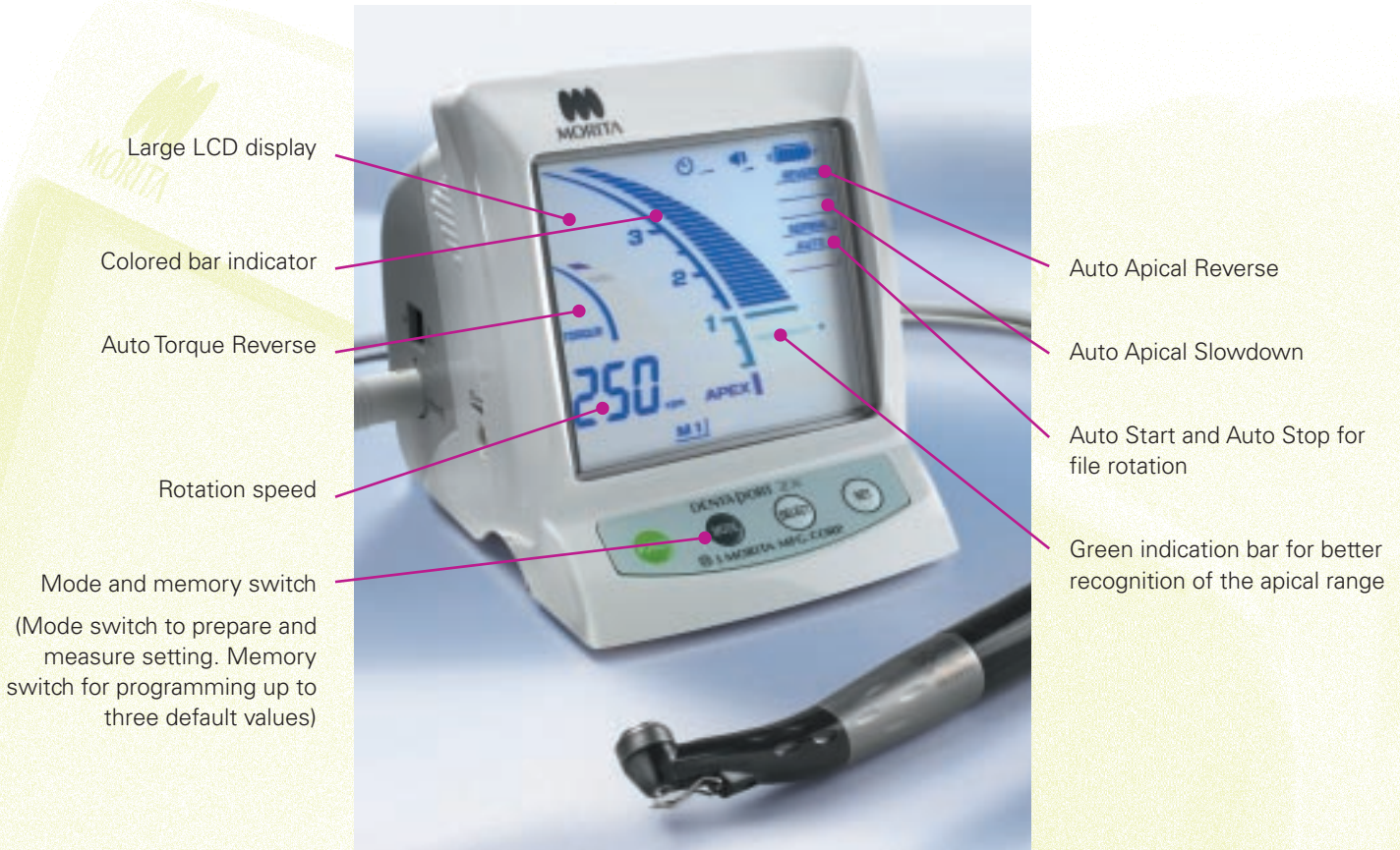
to indicate the file position

Highly flexible

all commonly used nickel titanium files are applicable

Dentaport ZX

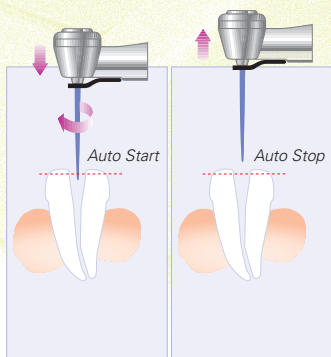
Dentaport ZX is a high accurate and high efficient endodontic treatment instrument which combines two systems: the Dentaport Root ZX module for root canal measurement, and the Dentaport Tri Auto ZX module for root canal preparation.



Top priority: patient safety, 4 different safety functions

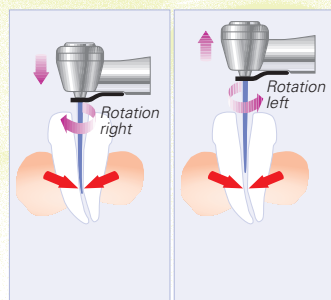
Auto Start/Stop

The file starts rotating automatically when inserted into the canal, and stops automatically upon withdrawal.



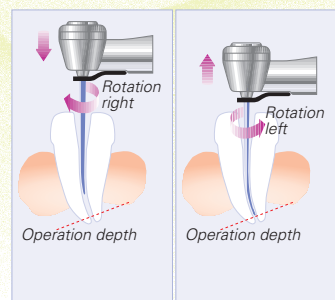
Auto Torque Reverse

The file stops rotating automatically if the torque exceeds the specified limit of one of 11 torque levels.



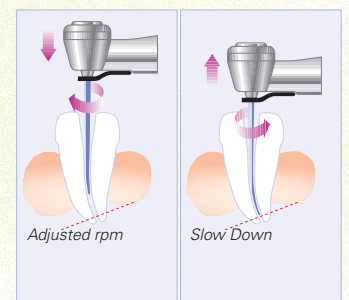
Auto Apical Reverse

When the file reaches at a specified measurement, The file rotation stops and reverses automatically. In addition to the stop only setting, you can also set the amount of time required to go from stop to reverse rotation.



Auto Apical Slow Down

When the file is approaching to apical foramen, the motor automatically slows down for safer treatment.



Dentaport Root ZX module

In 2002 and 2003, Root ZX received the distinguished "Reality Choice Five Star Award" due to its unmatched measurement capabilities:

- Precise measurement results, irrespective of any fluids or blood in the root canal
- Exact visualization of the file tip position on large LCD display
- Beeping sounds that enable the monitoring of the file tip position
- Modern lightweight, stable housing



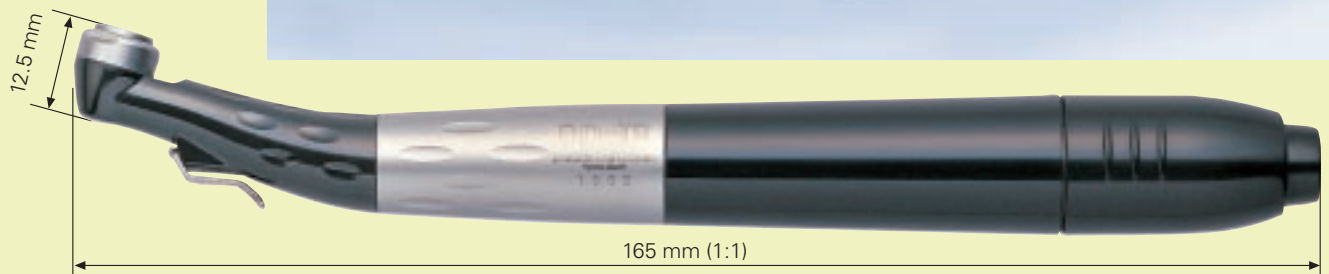
The root canal measurement module Dentaport Root ZX is also available separately



Dentaport Tri Auto ZX module

Dentaport Tri Auto ZX enables safe and precise preparation of the root canal:

- Auto Start/Stop function
- Auto Torque Reverse
- Auto Apical Reverse
- Auto Apical Slowdown
- Compact, light and practical handpiece



Comfortable handling

The handpiece is developed for extremely easy handling with an appropriate ergonomic design which makes treatment of difficult cases comfortable for your hands.

- Weight: only 70 g
- Compact headsize: only 12.5 mm

- 9 adjustable speed settings from 0 to 800 rpm



Tri Auto ZX Highlights at a glance:

- Cordless, for maximum flexibility
- Automatic control and/or manual operation
- Rotating LED control panel on the handpiece for easy monitoring of the file tip position
- 3 automatic safety functions:
 - Auto Start/Stop
 - Auto Torque Reverse
 - Auto Apical Reverse
- Handpiece is switched off automatically after 3 minutes of inactivity
- Continuous monitoring of the file tip position on the LED control panel
- Space-saving recharging unit

Tri Auto ZX handpiece

Display	LED
Weight	Only 160 g
Rotation speed	150–280 rpm
Rechargeable battery	3.6 V
Charge time	Approx. 60 min.
Dimensions (mm)	W 30 x D 37 x H 212

Charger

Voltage	AC 230 V
Frequency	50/60 Hz
Weight	Approx. 500 g
Dimensions (mm)	W 80 x D 123 x H 55

Tri Auto ZX – gentle, reliable and safe

The Tri Auto ZX is the first device of its kind to integrate a cordless endodontic handpiece with a built-in apex locator – for maximum flexibility in handling. Using a rotating LED control panel which is mounted directly on the handpiece, the root canal can be continuously monitored during preparation for absolutely safe operation.

Dentaport ZX product specifications



Dentaport Root ZX module – Used for root canal measurement

Current supply:	3 x DC 1.5 V AA Battery 0.2 VA	Dimensions (mm):	W 105 x D 105 x H 115
Display:	LCD color display	Weight:	370 g

Accessories

1 x probe cord, 3 x file holder, 5 x contrary electrode, 1 x tester, 3 x AA Alkali dry cells



Handpiece rest, AR spray, AC adapter

Optional:



Motor 0–400 rpm



Foot switch

Dentaport Tri Auto ZX module – Using for root canal preparation

Current supply:	Metal-hydride DC 9.6 V, 20 VA	Dimensions (mm):	W 105 x D 127 x H 115
Motor	0–800 rpm	Weight:	430 g
		Handpiece:	weighs only 70 g

Accessories

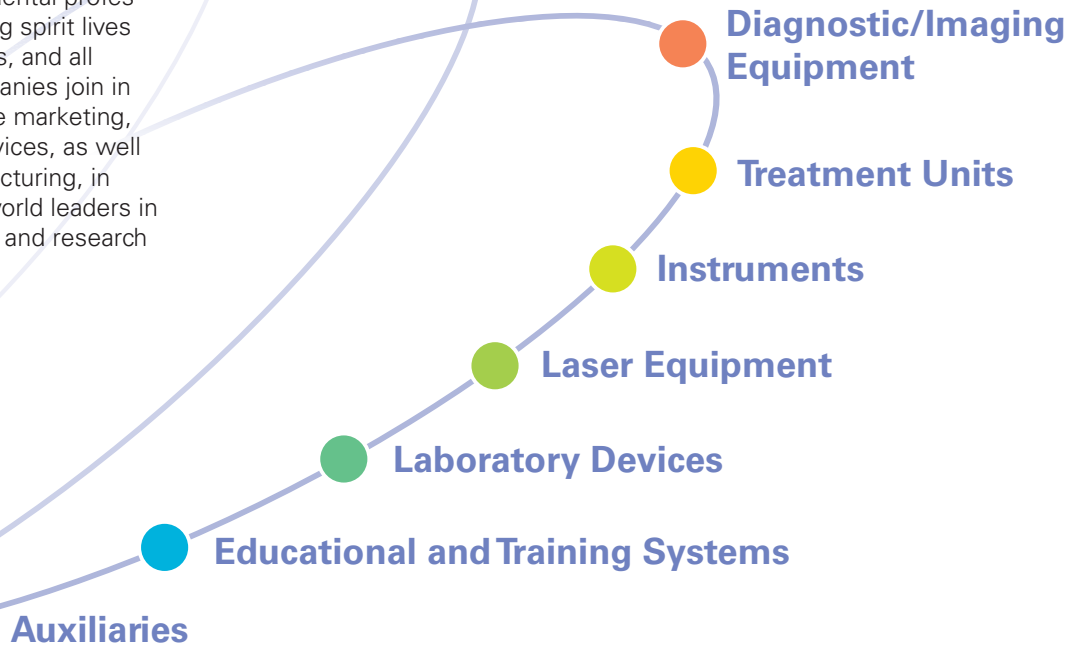
1 x handpiece rest, 1 x AR spray, 1 x AC adapter (100 V–240 V 50/60 Hz)

Optional:

Foot switch	Motor 0 – 400 rpm
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In 1916, Junichi Morita started to import products of the leading dental equipment manufacturers into Japan, where demands for modern dentistry were growing. His venturesome attempts of supplying selected products for oral healthcare has grown steadily by receiving valuable support and guidance from the dental profession. His enterprising spirit lives through the decades, and all Morita Group Companies join in continuing to pursue marketing, distribution and services, as well as R&D and manufacturing, in collaboration with world leaders in healthcare products and research organizations.



Distributed by

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