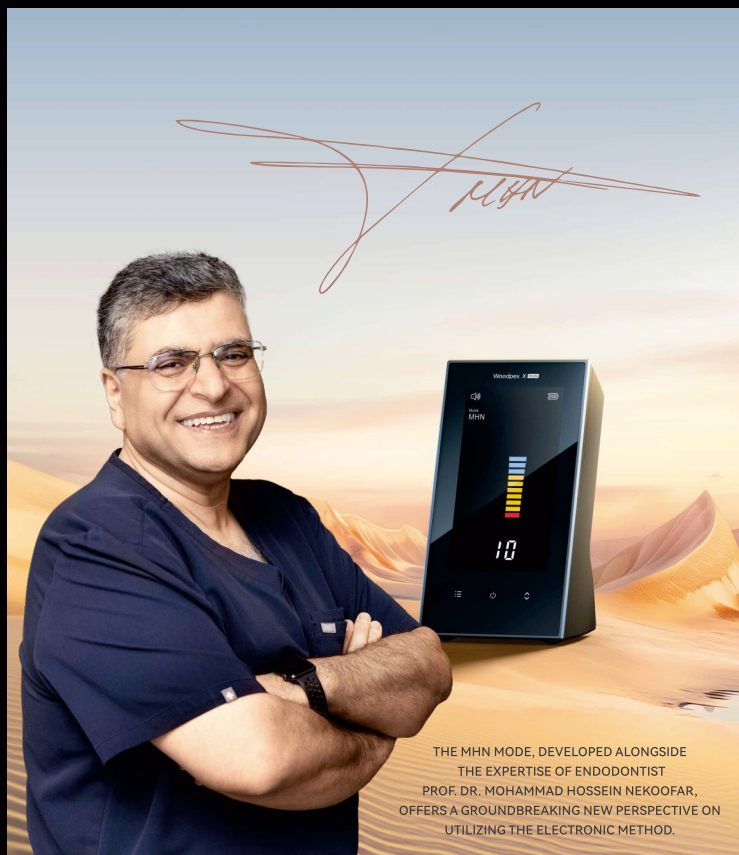




## Woodpex X MHN

MICRO HOLE NEGOTIATOR



THE MHN MODE, DEVELOPED ALONGSIDE THE EXPERTISE OF ENDODONTIST PROF. DR. MOHAMMAD HOSSEIN NEKOOFAR, OFFERS A GROUNDBREAKING NEW PERSPECTIVE ON UTILIZING THE ELECTRONIC METHOD.

### An Accurate and Precise Apex Locator<sup>1</sup>

Empower your electronic working length determination with a cutting-edge digital circuit featuring a state-of-the-art fast central processing chip, a DSP processing module, and high-precision electronic components.

**Apical Stop Level Settings:**  
The apical alarm/apical stop can be customized to meet the operator's specific requirements.

2 Sound levels



Apical stop Set



Sleep mode



### Technical Specifications

- 3.8" LCD Screen

- Working Time: 7h

- Charging Time: 3h

- Battery: 3.7V/2000mAh

### Comprehensive Configuration

Not autoclavable

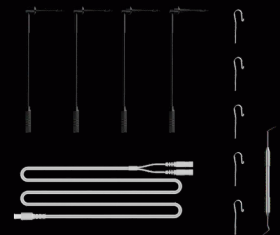
Measuring wire x 1 (Soft texture)

Autoclavable

File clip x 4 (Coated with biological silica gel)

Lip hook x 5 (Made of medical-grade stainless steel)

MHN explorer probe x1



1. De-Deus, et al. Clinical Accuracy and Precision of 3 Multifrequency Electronic Apex Locators Assessed through Micro-Computed Tomographic Imaging. Journal of Endodontics, Volume 49, Issue 5, 2023, Pages 487-495.



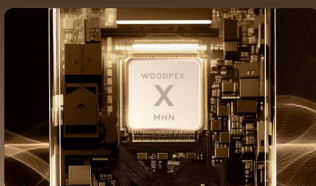
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ZMN-XC-152 V1.0

## WHAT IS THE MHN MODE AND WHY SHOULD YOU USE IT?

### Root Canal Entrance Localization:

The MHN mode utilizes an advanced electronic method to measure capacitance values, significantly enhancing signal detection sensitivity. When integrated with the operator's comprehension of pulp chamber morphology, magnification, X-ray, and CBCT images, the MHN mode becomes instrumental in effectively locating concealed root canal entrances.



### Minimally Invasive Technique:

Preserve dentine and reduce the risk of perforation with access burs.

### Crystal-Clear Display:

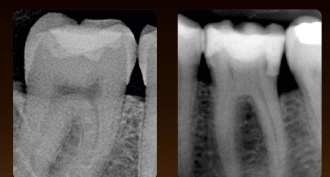
Featuring a clear screen and intuitive readings, the device allows you to master each step effortlessly, ensuring accuracy and confidence throughout the procedure.



## APPLICATIONS OF MHN

### Locating The Calcified Root Canal Orifices

The MHN mode allows for the effective location of pulp chambers, even when they are partially calcified and present as disc-like structures, and also helps in finding the orifices of calcified canals.



### Advanced Technology:

The MHN mode employs advanced technology to measure capacitance values, with the high sensitivity of its state-of-the-art processor accurately determining the electronic signal values. This cutting-edge technology is instrumental in catching even the most elusive calcified pulp chambers and helping to find the orifices of calcified canals.



### Comprehensive Package

It includes the versatile MHN endodontic explorer probe, designed for optimal performance with the MHN Mode.

