

New to NMT

## How to choose a non-invasive micro-test system that suits you?

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In June 2021, after review by the Ministry of Science and Technology, Chinese scientists were found to be the international leading scientists in the usage of NMT: Non-invasive Micro-test Technology, its applications, products, and imOmics! This achievement has once again verified the general consensus of the scientific community: researching functions of the living body using NMT as the core technology is the developing trend of life science research. It is the tool that life scientists around the world are waiting for! Owning an NMT system has become a necessary choice to keep up with the trend, seize the opportunity, and move towards the international leading level.

As the saying goes: "The one that suits you is the best!" There are seven series of NMT systems of the YoungerUSA and Xuyue Co. brands with dozens of models to choose from.

How to quickly choose a cost-effective system and model most suitable to you?



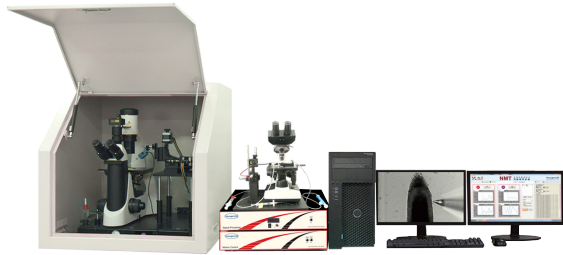
1) If you are able to spend a large amount of funds, the latest eighth-generation intelligent

Non-invasive Micro-test System is a must. This equipment not only has all regular functionalities of an NMT system, but it also integrates cutting-edge intelligent technologies such as image recognition, automatic positioning, automatic sample change, and automatic detection. It also supports high-throughput detection in well-plate containers of various specifications.



Eighth generation intelligent Non-invasive Micro-test System

2) If you have sufficient funds, the NMT150 series and NMT100S series are cost-effective choices. NMT150 can detect 9 ions (calcium, hydrogen, potassium, sodium, ammonium, nitrate, cadmium, magnesium, and chlorine), and 3 molecules (oxygen, hydrogen peroxide, and auxin IAA). If we were to call the NMT150 the almighty system type, then NMT100S would be the almighty research and development platform. This device not only has all the same functions of NMT150, but also has a development and upgrade module, which allows you to later add detections for lead, copper, and membrane potential. It also allows for upgrades to any additional ion/molecule detection indicators and functions that may be developed in the future. Additionally, NMT100S includes aSMS, an automatic sensor filling system, which can greatly improve the efficiency and repeatability of experiments.



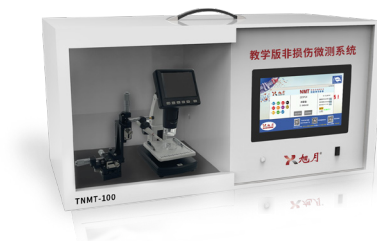
Micro-test System is your best choice. The Teaching Edition of the Non-invasive Micro-test System takes up little space and is easy to install. Working with NMT-related teaching materials, it can be used for teaching non-invasive micro-test technology, experimental processes demonstrating, non-invasive micro-test system experiments, operation training, etc. It can also meet some scientific research needs (such as detecting the ion flux of plant root samples such as rice, wheat, and corn). This system can also be upgraded to add more detection functions later.

3) If you don't have the largest budget, then the NMT live workstation could be a good choice. This workstation is equipped with two standard indicators and works with semi-automatic operation. Not only is the price low, but other indicators, functions, and automation features can be upgraded later. In addition, all NMT systems can be imported or domestically selected.

I bet you already have a favorite model in mind, want to get the information? Contact us now! 010-8262 2628-ext. 1.



NMT live workstation



Teaching Edition of Non-invasive Micro-test System

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4) If you have limited funds and do not want to miss the opportunity to be one step ahead of others, or you have teaching tasks but no supporting teaching equipment, the Teaching Edition of Non-invasive