

Handheld Raman Spectrometer

NW1000

perform 100% package-by-package inspection



NW1000DI drug identification instrument can perform 100% package-by-package inspection of raw materials and packaging materials. It can quickly identify raw materials in warehouses, material preparation rooms, production workshops, etc. RS1000DI meets the requirements of FDA 21 CFR part11 and GMP and other relevant regulations. We are committed to providing comprehensive technical support services in method establishment, verification, and 3Q certification.

Technical Features

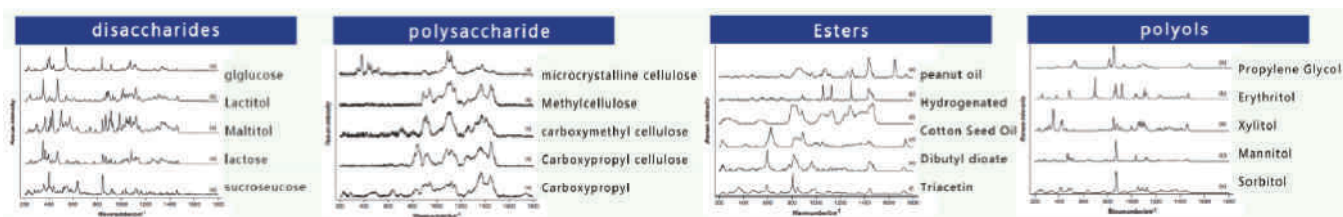
- ◆ Quick response: identification can be completed within a few seconds
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- ◆ Non-destructive identification: direct detection through glass, woven bags, plastic and other packaging
- ◆ Compact and lightweight: it can be moved flexibly in warehouses, material preparation rooms, and production workshops etc.
- ◆ Real-time sampling: no need to sampling, simple and safe
- ◆ Identification accuracy: advanced machine learning algorithm supports accurate recognition, strong specificity

Wide Detection Range

- ◆ **Chemical raw materials:** aspirin, acetaminophen, folic acid, nicotinamide, etc.
- ◆ **Pharmaceutical excipients:** salts, alkalis, sugars, esters, alcohols, phenols, etc.

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- ◆ **Packaging materials:** polyethylene, polypropylene, polycarbonate, ethylene-vinyl acetate copolymer, etc.



No Sampling Required

- ◆ It can directly detect through woven bags, plastic, glass, paper packaging, and other types of packaging.



Wide Application Area

Compact and lightweight, a single device can fulfill the requirements of multiple environments, including warehouses, material preparation rooms, and production workshops.



Related legislation

GMP2015. Article 110 of Chapter 6: Corresponding operating procedures shall be formulated, and appropriate measures such as checking or inspection shall be taken to confirm that the raw and auxiliary materials in each package are correct.

Chinese Pharmacopoeia 2020. Chapter 0421 Raman spectroscopy: Raman spectroscopy can provide information on functional groups in sample molecules, so it can be used for identification tests and structural analysis.