

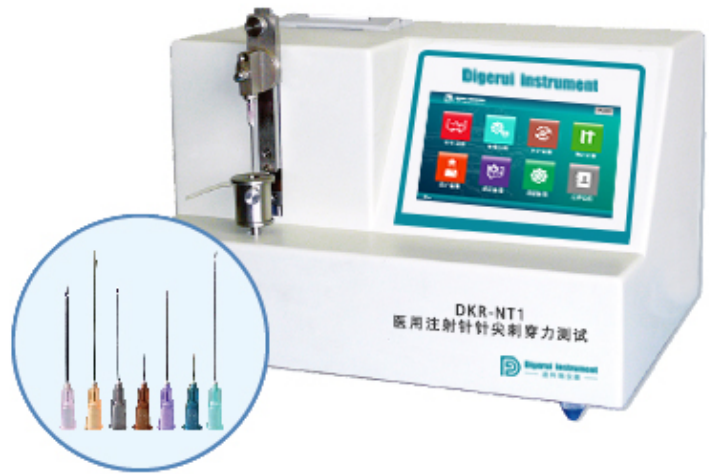
LD-NT1 Medical Needle Tip Penetration Force Tester

Product Applications

The Medical Syringe Tip Penetration Force Tester is used to test the penetration force performance of syringe tips and to assess the sharpness of syringe needles in accordance with standard regulations.

Test principle

The needle is mounted on the drive mechanism with the measuring device attached and then the needle is passed vertically through the simulated skin at a defined speed and the maximum peak value measured is used to assess the penetration force of the needle.



Product Features

Industrial-grade 7" capacitive touch screen, menu-based operation interface, easy to learn, understand and operate

Professional software design, with multi-level authority management, convenient for laboratory managers to regulate the use of equipment

Support remote upgrade and maintenance

Equipped with a micro-printer for easy printing of test results

Applicable to GB, YY, ISO, ASTM and other standard requirements test methods

Technical parameters

Nominal specification: 0.3~1.2mm

Test range: 0.10~5.00N

Accuracy: $\pm 0.01N$

Travelling speed: 100mm/min

Simulation skin: polyurethane film material, in line with GB15811 standard