

HST-TM20 Paper Tableware Mechanical Property Tester



Product Introduction:

The HST-TM20 paper tableware mechanical performance tester is a professional device designed and developed according to the relevant requirements of GB/T27591-2025 Paper Tableware. It is used to determine the overall stiffness of paper plates and the bending resistance of paper knives (forks, spoons). Precise control safeguards the bottom line of paper tableware quality; the stiffness and load-bearing capacity of disposable paper plates and bowls are crucial for safe use. The ZPT-20N paper tableware mechanical performance tester, with its high-precision sensors and intelligent control system, accurately quantifies the mechanical performance of each piece of paper tableware, from bending strength to overall stiffness. It provides scientific and reliable testing data for manufacturers and quality inspection agencies, helping the industry strengthen its quality defenses and ensuring that every piece of environmentally friendly tableware possesses both environmental benefits and safety guarantees.

Technical Specifications:

Refer to Standard	Parameter
Maximum measuring diameter	300mm

Maximum support distance	100mm
Maximum descent distance	40mm
Displacement velocity	0.1—500 mm/min
Displacement accuracy	0.1mm
Force measurement range	0~20N
Force resolution	0.01N
Force measurement accuracy	±0.5%
System Language	Simplified Chinese/English
External dimensions	580mm(L)×280mm(B)×580mm(H)
net weight	Approximately 30kg

HST GROUP Co., LTD.

Jinan Hensgrand Instrument Co., Ltd.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Phone/WhatsApp: +86-159 1008 1986

www.hssdgroup.com - e-mail: admin@hssdtest.com