

Technical Specification

Work Principal	MALDI-TOF
Mass Range	1500-30000 Da
Mass Accuracy	Relative Indication Error≤500 ppm
Sensitivity	S/N ratio ≥100 (0.04 µg/mL, [Glu1]-human fibrin peptide B) S/N ratio ≥100 (4 µg/mL, horse myoglobin)
Mass Resolution	R≥500
Repeatability	≤600 ppm
Mass Stability	≤800 ppm
Laser	Nitrogen Laser 60 Hz Repetition rate 400 million laser shot
Pump	Oil-free turbomolecular pump (340 l/s), Vacuum up to 10 ⁻⁸ mbar.
Pre-treatment Reagents	Microbe Sample Pretreatment Kit,Mold Sample Pretreatment Kit Blood Culture Positive Sample Pretreatment Kit,Sample Treatment Matrix Solution
Strains database	Over 4000 species including 20000 strains in database
Operation Environment	Temperature:(10-30)°C Relative Humidity:(20-85)% Atmospheric Pressure:(70-106)Kpa
Target-in/out Time	≤1 min
Throughput	Test 96 samples in one plate within 12 min
Operation System	Windows 7(64 bit) and above, support LIS
Power Supply	100-240 V, 50/60 Hz, 300 W
Weight	Approx. 100 Kg (up to actual optional accessories)
Dimension (mm)	490(W) *800(D) *1215(H)
Certificate	CE-IVD
