Standard Delivery

●Standard Pickup	1
●Main Unit	1
●Standard Sample	1
●Power Adapter	1
●Communication Cable	1
●Protection Sleeve	1

Features

●Multi-parameter measuring:Ra、Rp、Rt、Rz、Rq、Rsk、Rku、Rc、RPc、RSm、Rmr(c)、tp、Rmr、Rpm、Rz1max、RzJIS、Rmax、Htp、Rδc、R△q、R△a、Pa、Pp、Pv、Pt、Pz、Pq、Psk、Pku、Pc、PSm、Pmr(c)、Pmr、Pz1max、PzJIS、Pδc、P△q、Rk、Rpk、Rvk、Mr1、Mr2、A1、A2

●Touch screen

●High accuracy inductance pickup

●Filtering methods of 2RC, GAUSS

●Compatible with four standards of ISO1997, ANSI and JIS2001

●TFT LCD displays all parameters and graphs

●Can be connected to TIME TA230 printer to print all parameters and graphs

●Built-in standard RS232 interface and USB interface

●Language: Traditional Chinese/ Simplified Chinese/ English

●Automatic switch off

●Integrated design, simple to use

TIME®3221

PORTABLE SURFACE ROUGHNESS TESTER

Technical Specification

Pickup		
Test Principle	Inductance type	
Measurement Range	400μm	
Stylus tip Radius	5μm/2μm	
Stylus tip Material	Diamond	
Measuring force	4mN/0.75 mN	
Stylus tip Angle	90°/60°	
Radius of Skid curvature	45mm	
Maximum drive range	19mm/0.748inch	
Traversing speed	Measuring: Cut off length = 0.08 mm Vt=0.25 mm/s Cut off length = 0.25 mm Vt=0.25mm/s Cut off length = 0.8 mm Vt=0.5 mm/s Cut off length = 2.5mm Vt=1mm/s Returning V=1mm/s	
Accuracy	Less than or equal to ±10%	
Repeatability	≤6%	
Cut-Off Length	0.08mm,0.25mm,0.8mm,2.5mm, selectable	
Evaluation Length	(1~5)L selectable	
Measuring rang and resolution	Measuring Range	Resolution
	Automatic	0.001μm,0.008μm
	±50μm	0.001μm
	±200μm	0.008μm
Power	Built-in Li battery	
Power adapter	Input: 100 V~240VAC,50/60Hz Output: 9V,3A	
Working environment	Temperature: 0℃~40℃ Humidity: < 90% RH	
Storage and transport environment	Temperature: - 40℃~60℃ Humidity: < 90% RH	
Dimensions	155.4×75×56mm	
Weight	Approximately 760g	