

**Product Name :**  
Surface Roughness Testers

**Product Code :**  
CHINAELABC2550061



**Description :**

Surface Roughness Testers

**Technical Specification :**

**FEATURES:**

Four wave filtering methods: RC, PC-RC, GAUSS and D-P.  
Built-in lithium ion rechargeable battery and control circuit with high capacity.  
Multiple parameter measurement: Ra, Rz, Rq, Rt.  
Highly sophisticated inductance sensor.  
Small in size, light in weight and easy to use.

**SPECIFICATION:**

Display: 4 digits, 10 mm LCD, with blue backlight  
Parameters: Ra, Rz, Rq, Rt

**Measuring Range :**

Ra, Rq: 0.005-16.00um/0.020-629.9uinch  
Rz, Rt: 0.020-160.0um/0.780-6299uinch

Accuracy:  $\pm 10\%$

Test Principle: Inductance type  
Radius of Probe Pin: 5 um  
Material of Probe Pin: Diamond

Resolution :

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0.001 um, if reading 0.01 um, if 10um ? reading ? 100um  
0.1 um, if reading ? 100um



**Engineering Lab China**