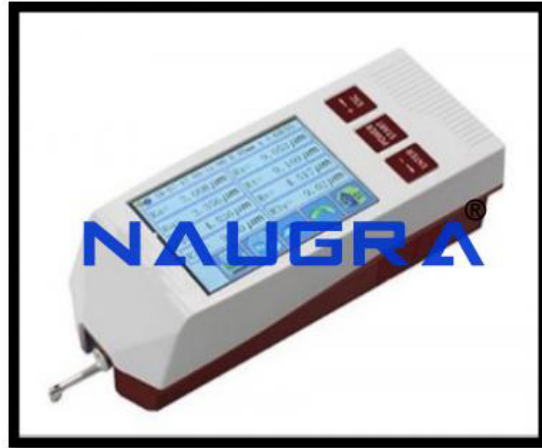


**Product Name :**  
Surface Roughness Tester

**Product Code :**  
TN107



**Description :**

**Surface Roughness Tester**

**Technical Specification :**

Pocket-sized and economically priced.  
External and internal finish testing with swivable tracer  
Ra and Rz parameters in one instrument and all available after each individual test  
Standard 9V battery (not included)  
Three cut-off 0.25mm, 0.8mm and 2.5mm, adjustable to 1-3-5 times  
Piezo-electric pick-up stylus for external surfaces with diamond tip of 2 micron according to the latest ISO standards  
IPX-104 with data output

**Technical Specification:**

Measuring ranges: Ra--  $0.03\hat{1}\frac{1}{4}m \sim 6.35\hat{1}\frac{1}{4}m$  ( $1\hat{1}\frac{1}{4}'' \sim 250\hat{1}\frac{1}{4}''$ )  
Rz--  $0.2\hat{1}\frac{1}{4}m \sim 25.3\hat{1}\frac{1}{4}m$  ( $8\hat{1}\frac{1}{4}'' \sim 999\hat{1}\frac{1}{4}''$ )  
Display resolution  $0.01\hat{1}\frac{1}{4}m / 1\hat{1}\frac{1}{4}''$   
Cut-off 0.25mm / 0.001", 2RC filter, select 1-3-5 times  
0.8mm / 0.03", 2RC filter, select 1-3-5 times  
2.5mm / 0.01", 2RC filter, select 2 times  
Display 3-digit LCD  
Accuracy Meets ISO and DIN standards  
Probe Type Piezoelectric  
Stylus force 15.0mN / 1500mgf

Stylus tip radius Diamond, 2 micron  
Power 9V alkaline battery (not included)  
Battery capacity 3000 measurements  
Output RS-232 to pc or printer (only IPX-104)

## Naugralabequipments

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