

TR-110 Advance Surface Roughness Tester



The **YAMAYO BLISS TR-110 ADVANCE** has the features of high accuracy, wide measuring range, easy to operate, portable, working stably features. It is widely used for inspecting the processing surface of many kinds of metals and non-metal. Optimized electric circuit designed with transducer structure design, high integrated power, driver and display. Select freely with Ra,Rz,Rq,Rt parameters. It could test ex-circle, flat surface, conical surface and also test groove with length and width larger than 80*30mm.

Technical Parameters	
Testing parameters(μm): Ra,Rz,Rq,Rt	Degree: S
Stroke length(mm): 6	Battery: 3.7V Li
Sample length(mm): 0.25 ,0.80 ,2.50	Size: 106 mm×70 mm×24 mm
Evaluation length(mm): 1.25 ,4.0	Weight: 200g
Measuring range(μm):	Working conditions:
Ra: 0.05 ~ 10.0	Temperature: -20°C~40°C
Rz: 0.1 ~ 50	Relative humidity: < 90%
Error: $\pm 15\%$	No shake and corrosivity around
Variability:<12%	Standard Accessories: Main Unit: 1pc, Battery Charger: 1pc
Transducer contacting pin round diameter and angle:	USB Cable: 1pc, Standard Test Block: 1pc.
Contacting pin round diameter: 10 $\mu\text{m} \pm 1 \mu\text{m}$	