

RGT-1601

Enameled wire elongation tester

CE



Product description:

Equipment with high efficiency ball screw and the inner loop consisting of permanent magnet synchronous motor drive mechanical transmission activities generate a certain speed chuck displacement, so that the specimen clamping effect of the gradual elongation of this tension until breakage, automatically the percentage elongation of the specimen. The instrument can also pre-elongation, the testing process the data when the pre-elongation reached, Motor and Counter reliable stop the action, show results, mainly for detection of $\leq \varnothing 3\text{mm}$ enamelled, silk bag, or other insulating material round, flat copper wire and other metal pull $\leq 2000\text{N}$ wire elongation (extension) rate.

To meet the standard:

The instrument comply with GB/T4074.3-1999 and IEC60851 standards-related provisions

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Applicable Industry:

It is the ideal test instrument for the magnet wire manufacturers ,productquality supervision industries and sectors

Technical parameter:

Model	A	B
Measurement range	φ0.02~φ3mm Copper,aluminum enameled,membrane envelope or other wire.	
Distance of the two fixture	200±1mm	(200mm or 250mm)±1mm two gear adjustable
Tensile speed	300±60mm/min (Speed of fixture)	
The distance of fixture	>160mm	
Maximum range of the tensile test	80%	
Accuracy of elongation	0.1%	
Working temperature	Temperature:0~40℃ ,relative humidity≤85%;	
Input power	ac220v±10% 50hz	
Powe consumption	<200w	
Outside dimension	520×380×340mm	640x400x420mm
Weight	45kg	