

Pen-cap Air Flow Tester GT-S06

Product Introduction

Application:

This Pen-Cap Air Flow Test Equipment mainly be used to test the safety of the caps for writing and marking instruments which are designed or clearly intended for use by children up to 14 years of age. However, Caps for writing and marking instruments which are not designed or intended for use by children, e.g. jewellery pens, expensive fountain pens, professional technical pens, are not be test by this method.

Standards:

ISO 11540

BS 7272-1

GB/T 24110

Dimensions

External Dimension:	
450*200*330mm (L*W*H)	
Package Dimension:	
530*350*440 mm (L*W*H)	
Gross Weight:	
13KG	
Net Weight:	
10KG	

Cap Air Flow Tester Test Principle

The test cap is fully inserted into an elastomeric tube of the appropriate diameter and the air flow through the tube and the pressure drop are measured in both directions. And when tested, caps shall permit a minimum air flow of 8 l/min, measured at room temperature, with a maximum pressure drop of 1.33 Kpa.

Key Specifications

Model	GT-S06
Air supply	≥ 25 l/min
Flow gauge accuracy	± 0.2 l/min
Pressure gauge accuracy	± 0.01 Kpa
Elastomeric tubing	Wall thickness: $0.75 \text{ mm} \pm 0.25 \text{ mm}$
	Hardness : 55 ± 10 Shore A
Standard accessory	Power line 1 pc
	Elastomeric tubing 1pc