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ISF-TG SERIES DIAL TENSION GAGES

User Guide

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Product Introduction

Tension meters are suitable for testing mechanical pressure such as relay contact pressure, electronic switches, micro switches, valves, spring tension and compression force, spindle pressure of dial measuring instruments, contact and armature pressure of automatic telephone equipment, as well as contact pressure like the pressure of tape recorder buffer devices, and other precision pressure and tension tests.

Product Features

- Usable in both clockwise and counterclockwise directions
- Exquisite and portable, fast and sensitive, with clear scales
- Side Anti-Slip Design

Technical Parameters

(Unit: N)

Code	ISF-TGD1	ISF-TGD3	ISF-TGD5	ISF-TG1	ISF-TG1D5	ISF-TG3	ISF-TG5
Range (N)	0.01~0.1	0.03~0.3	0.05~0.5	0.1~1	0.15~1.5	0.3~3	0.5~5
Graduation (N)	0.002	0.005	0.01	0.02	0.025	0.05	0.1
Accuracy	±2% (full scale)						
Dimension (L×W×H)	90×47×19mm						
Weight	60g						

(Unit: gf)

Code	ISF-TG10	ISF-TG30	ISF-TG50	ISF-TG100	ISF-TG150	ISF-TG300	ISF-TG500
Range (gf)	1~10	3~30	5~50	10~100	15~150	30~300	50~500
Graduation (gf)	0.2	0.5	1	2	2.5	5	10
Accuracy	±2% (full scale)						
Dimension (L×W×H)	90×47×19mm						
Weight	60g						

Usage Method

During testing, use the measuring head to toggle the object to be tested, moving it from a stationary state to the required position. The tension meter can perform testing either clockwise or counterclockwise, but the measuring head arm must always remain perpendicular to the direction of the push-pull force.

Application Scenes

