

# Tension meter

## DTE-Series Handheld Digital Tension Meter

Handheld digital tension meter is a portable electronic digital measuring instrument. It can measure the tension force of filamentou, linear material,widely used in wire and cable, tensile chemical fiber ,metal wire, carbon fiber and other industries. It can measure the tension force and process data accurately.

### Features

- The three working mode: real-time, hold and peak. The three mode can be switch into each other.
- cN, gf, OZ, Kgf, N, lb can be set.
- Accuracy is 0.5% of full scale.
- It can measure the tension of 10 different materials accurately.
- With USB communication function.
- It has thickness adjustment function.
- Easy to store, can store 41 group data.



DTE-series with package



### Ordering Information

#### Standard Accessories:

- User Manual
- Certificated
- Inspection certificate
- Hard carry case
- USB data cable
- 12V charger (bighead)
- Online software (CD)

Specification:							
Model	DTE-200cN	DTE-500cN	DTE-1000cN	DTE-2000cN	DTE-2500cN	DTE-5000cN	DTE-100N
Tension range	4~200.0 (cN)	10~500.0 (cN)	20~1000 (cN)	40~2000 (cN)	50~2500 (cN)	100~5000 (cN)	2~100 N
* Measuring head width (mm.)	65	65	65	65	116	116	116
** Calibration material textile PA monofilament	φ0.12mm	φ0.20~0.40mm	φ0.40~0.70mm	φ0.40~0.70mm	φ0.40~0.70mm	φ0.60~1.20mm	φ0.80~1.40mm
Size (mm.)	270*118*55						
Net weight (g)	About 640g						
Power supply	3.7V lithium battery*2						

#### Description:

\* : Depending on the model, the width of the lead frame and the distance between the outside of the two guide wheels are also different.

\*\* : The company's calibration materials are suitable for 95% tension measurement. PA=Polyamide monofilament. If the diameter, hardness and shape of the material to be tested are significantly different from the calibration materials of the company, it is recommended that the customer provide 5 meters of the tested material for calibration.

International tension unit:  
 1cN = 1.02g = 0.01N  
 100N = 10.2kg = 10000cN