

TENSITRON®

A KTC Instruments Company



STX-1 SERIES

DIGITAL STRAP TENSION METER

TAKE THE GUESSWORK OUT OF TENSIONING STRAPS, BANDS, AND TIE-DOWNS

Protects Products • Improves Safety • Saves Cost

Safely secure your pallets and cartons or truck and rail loads. Reduce crushed containers or products and loose loads. Use the STX-1 instruments to measure tensions on poly or metal strapping; woven, nylon tie-down straps; or stiff stationary materials like fence wire and saw blades.



FAST

Quickly test strap, band, and tie-down tension

- Quick, easy, one-handed operation
- Color-bar graphic provides quick visual of tension levels
- Contacts engage easily onto straps that are tight against another surface



ACCURATE

Improve safety and performance

- Custom-calibrated for your straps or with standard menu of commonly-used strap sizes
- Tension ranges from 1 lb to 2,000 lb.
- Selectable units (lb., kg, or daN)



DEPENDABLE

Save time and costs with durable construction

- Long-lasting, durable construction
- Includes carrying case and NIST-traceable calibration certificate



CONVENIENT

User-friendly and easy to transport

- Data storage and statistics
- Lightweight, portable
- Analog or serial output (optional)
- Easy-to-read, backlit, digital display



MEASURES ALL KINDS OF STATIONARY BANDS AND STRAPS

- Poly or steel straps and bands
- Cargo and ratchet straps
- Fence wire
- Saw blades
- Baling wire or twine

USED WHEREVER PRODUCTS NEED TO BE SAFELY SECURED

- Palletized cans, bottles, or food products
- Stacks or bundles of lumber, glass, or bricks
- Appliances
- Corrugated packaging and other paper products
- Rail cars, truck loads



STYLE	MODEL	RANGE	TOLERANCE +/- FULL-SCALE	RESOLUTION	MENU SELECTIONS
STX-1 Calibrated for your strap(s)	STX-250-1	5 - 250 lb.	2% (5 lb.)	0.2 lb.	Provide WIDTH, THICKNESS, and MATERIAL (poly , nylon, or steel) of each strap you'd like included in the menu. Up to 10 calibrations are available.
	STX-500-1	25 - 500 lb.	2% (10 lb.)	1 lb.	
	STX-1000-1	50 - 1,000 lb.	2% (20 lb.)	5 lb.	
	STX-2000-1	100 - 2,000 lb.	2% (40 lb.)	10 lb.	
STXM-1 Menu includes a fixed selection of popular strap sizes. (Select according to strap thickness.)	STXM-250-1	5 - 250 lb.	3% (7.5 lb.)	0.2 lb.	.010" - .020" poly. .021" - .026" poly. .027" - .032" poly
	STXM-500-1	25 - 500 lb.	3.5% (17.5 lb.)	1 lb.	.017" - .026" poly .027" - .032" poly .033" - .040" poly
	STXM-1000-1	50 - 1,000 lb.	4% (40 lb.)	5 lb.	.020" - .034" poly .035" - .042" poly .043" - .050" poly
	STXM-1000-SC-1	50 - 1,000 lb.	4% (40 lb.)	5 lb.	.020" - .034" poly .035" - .042" poly .017" - .024" steel .025" - .035" steel
	STXM-2000-1	100 - 2,000 lb.	4% (80 lb.)	10 lb.	.020" - .029" poly .030" - .042" poly .043" - .055" poly .017" - .024" steel .025" - .035" steel .036" - .044" steel

*Contact Tensitron about measuring more rigid materials and/or diameters up to 3/4 in. (19mm)

FOR MOVING STRAPS AND BANDS, CONSIDER A BTX-1 TENSION METER.