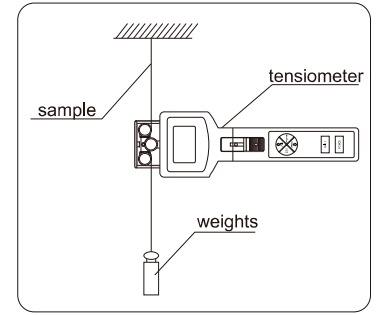
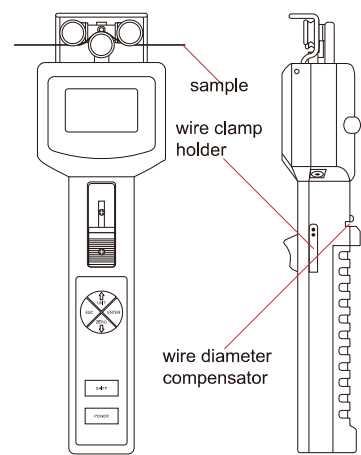


# WIRE TENSIOMETERS

- Suitable for testing the tension of stranding machines, winding machines, wire cutting machines, carbon fibre winding equipment, fibre optic winding equipment, fibre optic cable production equipment, glass fibre winding equipment, steel cord production equipment, steel wire rope production equipment and so on.
- Automatic zeroing, manual zeroing also possible
- Memory function for recording the current real-time value (up to 10 data), for recording phase data (max., min., average).
- 10 calibration channels, 6 groups of calibration points to choose from
- Fine-tunable compensation, compensation value range  $\pm 10\%$ FS, 1% for one component
- Six units g, cN, N, lb, daN, kg are automatically converted.
- 3 min no operation auto shutdown



ISF-DT1000



calibration

## SPECIFICATION

Code	ISF-DT200	ISF-DT500	ISF-DT1000	ISF-DT2000	ISF-DT2500	ISF-DT5000	ISF-DT10K	ISF-DT20K
Accuracy class	$\pm 2\%$ FS							
Range of test force	2.0~200.0cN	5.0~500.0cN	10~1000cN	20~2000cN	25~2500cN	50~5000cN	1.0~100.0N	2.0~200.0N
Test force resolution	0.1cN	0.1cN	1cN	1cN	1cN	1cN	0.1N	0.1N
Width of measuring head	65mm	65mm	65mm	116mm	116mm	116mm	116mm	216mm
Factory calibrated wire diameter	$\Phi 0.2$ mm	$\Phi 0.2$ mm	$\Phi 0.4$ mm	$\Phi 0.4$ mm	$\Phi 0.4$ mm	$\Phi 1.2$ mm	$\Phi 1.2$ mm	$\Phi 1.8$ mm
Range of diameter	0.05~0.3mm	0.05~0.3mm	0.1~0.5mm	0.3~0.7mm	0.3~0.7mm	0.4~1.0mm	0.7~1.2mm	1.0~1.8mm
Compensation for diameter	yes							
Frequency of display updates	2 times/sec							
Maximum line speed	2000 m/min							
Power supply	built-in rechargeable battery							
Environmental requirements	temp: 10~45°C humidity: $\leq 90\%$ RH							

Code	ISF-DT30K	ISF-DT50K	ISF-DT60K	ISF-DT100K	ISF-DT200K
Accuracy class	$\pm 2\%$ FS				
Range of test force	3.0~300.0N	5.0~500.0N	6.0~600.0N	10~1000N	20~2000N
Test force resolution	0.1N	0.1N	0.1N	1N	1N
Width of measuring head	216mm	216mm	216mm	216mm	280mm
Factory calibrated steel wire diameter	$\Phi 2$ mm wire rope	$\Phi 2$ mm wire rope	$\Phi 2$ mm wire rope	$\Phi 2$ mm wire rope	$\Phi 2$ mm wire rope
Range of diameter	$\leq 3$ mm	$\leq 3$ mm	$\leq 3$ mm	$\leq 3$ mm	$\leq 3$ mm
Compensation for diameter	yes				
Frequency of display updates	2 times/sec				
Maximum line speed	2000 m/min				
Power supply	built-in rechargeable battery				
Environmental requirements	temp: 10~45°C humidity: $\leq 90\%$ RH				

## STANDARD DELIVERY

Main unit	1 pc
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