

# Horizontal Testing Machine Series



## Application

Horizontal Tensile Testing Machine is suitable for tensile test of long materials like wire rope, cable, nylon rope and chain etc. It applies the full digital controller, servo control system along with the standard analytic software, so it can realize close loop control for load and displacement, digitally setting zero, software/hardware digitally calibrating, protection, limit-position signal input, thus the machine possesses user' programming function. In addition the machine can be equipped with special analytic software and print the report template according to the requirements from the customers. It's widely used in some plants who produce longer materials.

## Standard

Load meets or exceeds the following standards: ASTM E4, ISO7500-1, EN 10002-2, BS1610, DIN 51221.

Strain measurement meets the following standards: ASTM E83, ISO 9513, BS 3846 and EN 10002-4



## Specifications

Model	WAL-500	WAL-1000	WAL-2000	WAL-5000	WAL-10000	WAL-15000
Max. testing load(kN)	500	1000	1000	5000	10000	15000
Amplifying multiple	1,2,5 (Three steps)					
Accuracy of specimen elongation	1%FS					
Test load accuracy	Better than 1% indicating value					
Resolution Of crosshead displacement	0.02mm					
Tensile testing space (mm)	500 1000 2000	500 1000 3000	500 1000 3000	500 1000 3000	1000 3000 5000	2000 5000 8000
Ram stroke (mm)	300 500 1000	300 500 1000	300 500 1000	300 500 1000	500 800 1000	500 800 1000

