No. 120 Strograph T
Model TF-50F

Note: Non-contact type extensometer and data processing unit shown is option.

■APPLICATION

This **Strograph T** perform tensile test for specimen having large elongation under high or low temperature condition by its exclusive temperature chamber. It is so designed as to have a large crosshead stroke by incorporating screw and crosshead within chamber.

■SPECIFICATIONS

Model	TF-50F
Cross-head speed	0.0005, 0.001, 0.05, 0.5, 1, 1.5, 2.0, 2.5, 3.0, 5.0, 10, 15, 20, 25, 30, 50, 100, 150, 200, 250, 300, 500mm/min. (22 steps)
Cross-head speed accuracy	±0.1%
Cross-head stroke	900mm
Effective stroke	600mm *Note: Using model C-2 chuck*
Lead screw span	250mm (Effective internal width: 220mm)
Load cell capacity	10kN (Standard feature)
Force accuracy	±1% of indicated value (In the range 1/1 to 1/500 of load cell related capacity)
Load range	Range-less (x1 to x100 equivalent)
Interface	RS-232C
Cooling system	Water cooling type refrigerator
Temperature range	-50ºC to 200ºC
Power requirement	Three-phase, AC200V, 50Hz or 60Hz, 3.5kVA (Main unit) Single-phase, AC100V, 50Hz or 60Hz, 1.0kVA (Optional data processing unit) Three-phase, AC200V, 50Hz or 60Hz, 10.4kVA (Chiller)
Cooling water requirement	25L/min.
Dimensions	W1270 x D1000 x H2200mm (Main unit)
Weight	Approx. 720kg (Main unit)

■OPTIONS

Name	Model
Manual clamp type wedge chuck Capacity: 10kN (For tensile)	C-2
Manual clamp type wedge chuck Capacity: 5kN (For tensile)	C-3
Manual clamp type wedge chuck Capacity: 1kN (For tensile)	C-4
Cage type bending tool Capacity: 5kN (JIS) (For flexural)	F-3
Cage type bending tool Capacity: 5kN (ASTM) (For flexural)	F-4
Cage type bending tool Capacity: 500N (JIS) (For flexural)	F-5
Cage type bending tool Capacity: 500N (ASTM) (For flexural)	F-6
Data processing unit	CON
Data processing software	WD
Non-contact type extensometer	-----

Specifications are subject to change without notice.