



HUNG TA INSTRUMENT CO., LTD.

*High Precision
Automatic weight Primary Force Calibrator*





HT-9770 SERIES

High Precision Automatic weight Primary Force Calibrator

Specification

No.	HT-9770	
Testing Force Range	1000	10000
Indicative Value Contrast Tolerance	5×10^{-5}	
Tolerance for dead Weight and Weight Support	$\pm 0.005\%$	
Dead Weight Number - Weight Support Number	1 kg Weight Support-1	10 kg Weight Support-1
	1 kg Weight Support-9	10 kg Weight Support-9
	10 kg Weight Support-9	100kg Weight Support-9
Transportation	Turbine varied speed revolve	
Control	Programmable logic controller	
Compression Height Range (mm)	Max. 180	Max. 250
Tension Height Range (mm)	Max. 180	Max. 400
Weight Support Elevator Speed (mm/min)	40	40 - 78
Dimension (mm)	120 x 2	700, 1000
Power (W)	812x812x1555	1176x1038x2235
Net Weight (kg)	640	1600



SPECIFICATION	HT-9770		
Testing force range	10~100, 50~600	50~500, 500~6000	500~5000, 5000~50000
Indicative value contrast tolerance	5×10^{-5}		
Dead weight torance	$\leq \pm 1 \times 10^{-5}$		
Dead weight number weight support number	1kg Weight support x 1	5kg Weight support x 1	50kg Weight support x 1
	1kg Dead Weight x10	5kg Dead Weight x 10	50kg Dead Weight x 10
	4kg Dead Weight x 1	45kg Dead Weight x 1	450kg Dead Weight x 1
	5kg Dead Weigh x 9	50kg Dead Weight x 10	500kg Dead Weight x 8
Transpoetation	Turbine varied speed revolve		
Control	Programmable Logic Controller (PLC)		
Tension height range (mm)	200	300	450
Working table dimension	200	250	450
Compression height range (mm)	Φ100	Φ150	Φ200
The distance between two shaft during compression	150	220	348
Dead weight loading speed (mm/mim)	40		
Dimension (mm)	1000 × 800 × 1620	1100 × 900 × 2165	
Power (W)	120, 250	550 × 2	370, 550, 1100
Net weight (kg)	700	2000	



T-9770A SERIES

High Precision Automatic weight Primary Force Calibrator

The 0.03 class computer servo leverage force calibrator is the newest innovation product. It is the second standard device to calibrate the 0.3 class force calibrator, mechanical force tester and 0.1% force transducer.

The loading and calibration process are accomplished with the computer servo system. The obtained consequence will be printed by computer.

This is the perfect calibrator to measure the mechanical force precisely.



SPECIFICATION		HT-9770A		
Force Range	Leverage Loading	1-50	5-500	5-1000
Force Testing Value Contract Tolerance		Less		
Accuracy		0.2	0.3	
Leverage Ratio		1:10		1:20
Leverage Loading Testing Height	Tension	0-300	0-500	200-760
	Compression	0-300	0-500	150-400
Direct Loading Testing Height	Tension	0-300	0-500	0-430
	Compression	0-300	0-500	0-430
Power (kW)		0.78	3.47	6.2

H T-0211 SERIES

Hydraulic Force Calibrator



SPECIFICATION		HT-0211	
Force Range	Leverage Loading	5-500	5-1000
Force Testing Value Contract Tolerance		Less	
Accuracy		0.3	
Leverage Loading Testing Height	Tension	0-500	200-760
	Compression	0-500	150-400
Direct Loading Testing Height	Tension	0-500	0-430
	Compression	0-500	0-430
Power (kW)		3.47	6.2



SINCE 1975 AREA : 4275 M²



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