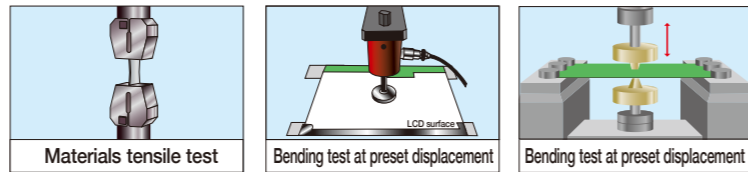


Large Size Precision Force Testers

MODEL-1840VCT

Capacity: 2 to 50 kN (200 to 5000 kgf)
Force - Displacement



Tester with thermostatic oven image

*Jigs are not included. (Optional)

The MODEL-1840VCT is a large-size precision force tester designed for compression and tensile force tests up to 200 to 5000Kgf (2 to 50kN). The test speed and control system conditions may be set on a touch panel. In combination with the MODEL-1016C amplifier, the basic test parameters including the travel distance, repetition frequency and so forth may be set on the amplifier screen and measurement results are displayed on a LCD. The stroke may be extended and the pitch of columns may be changed according to test sample sizes of customers. Tensile/compressive tests in a specific environment may also be conducted. (Please contact us for a temperature range.)

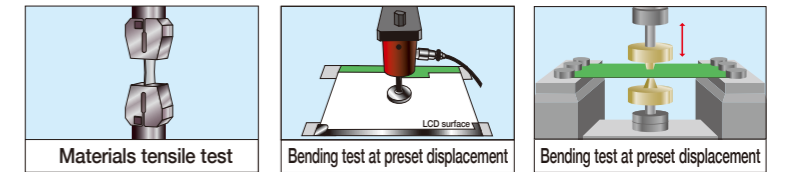
Standard Specifications

Model	1840VCT/200	1840VCT/500	1840VCT/1000	1840VCT/2000	1840VCT/5000
Max. force	2kN (200Kgf)	5kN (500Kgf)	10kN (1000Kgf)	20kN (2000Kgf)	50kN (5000Kgf)
Test speed	0.1 to 600mm/min.		0.1 to 300mm/min.		0.1 to 250mm/min.
Speed changing	Free setting				
Stroke	700 mm	1000 mm	1000 mm	1000 mm	950 mm
Displacement display	Provided				
Detector	Rotary encoder				
Display resolution	0.01 mm				
Display accuracy	0.1 mm				
Max. display	±700.00 mm	±1000.00 mm	±1000.00 mm	±1000.00 mm	±950.00 mm
Column interval	350 mm				400 mm
Table size	300 mm dia., center M20 x 1.5				□290 mm M20 x 1.5
Drive motor	Servo motor				
Driving mechanism	Ball screw				
Driving mechanism guide	Linear ball bush				
Size	W600xH1340xD580 mm		W600xH1714xD580 mm	W630xH1685xD610 mm	W720xH1714xD540 mm
Weight	Approx.175kg	Approx.185kg	Approx.210kg	Approx.290kg	Approx.390kg
Power supply	100VAC/200VAC, single-phase, 5A	100VAC/200VAC, single-phase, 10A		200VAC, single-phase, 10A	200VAC, three-phase, 10A

Large Size Precision Force Testers

MODEL-1840VC

Capacity: 2 to 50 kN (200 to 5000 kgf)
Force - Displacement



*Jigs are not included. (Optional)

The MODEL-1840VC is a large-size precision force tester designed for compression and tensile force tests up to 200 to 5000Kgf (2 to 50kN). In combination with the MODEL-1016C amplifier, it displays measurement results on a LCD. It employs a ball screw feeding mechanism and a servo motor for stable and wide-range test speed. The stroke may be extended and the pitch of columns may be changed according to test sample sizes of customers. Tensile/compressive tests in a specific environment may also be conducted. (Please contact us for a temperature range.)

Standard Specifications

Model	1840VC/200	1840VC/500	1840VC/1000	1840VC/2000	1840VC/5000
Max. force	2kN (200Kgf)	5kN (500Kgf)	10kN (1000Kgf)	20kN (2000Kgf)	50kN (5000Kgf)
Test speed	1 to 600 mm/min.		1 to 300 mm/min.		1 to 250 mm/min.
Speed changing	In five steps or continuous				
Stroke	700 mm	1000 mm	1000 mm	1000 mm	950 mm
Displacement display	Provided				
Detector	Rotary encoder				
Display resolution	0.01 mm				
Display accuracy	0.1 mm				
Max. display	±700.00 mm	±1000.00 mm	±1000.00 mm	±1000.00 mm	±950.00 mm
Column interval	350 mm				400 mm
Table size	300 mm dia., center M20 x 1.5				□290 mm M20 x 1.5
Drive motor	Servo motor				
Driving mechanism	Ball screw				
Driving mechanism guide	Linear ball bush				
Size	W600 x H1340 x D400 mm		W600 x H1714 x D400 mm	W630 x H1655 x D410 mm	W720 x H1714 x D540 mm
Weight	Approx.160 kg	Approx.170 kg	Approx.190 kg	Approx.270 kg	Approx.350 kg
Power supply	100VAC/200VAC, single-phase, 5A	100VAC/200VAC, single-phase, 10A		200VAC, single-phase, 10A	200VAC, three-phase, 10A