



PRODUCT CATALOG

Precision Testing Instrument Manufacturer

ALIYIQI

About us

Wenzhou Tripod Instrument Manufacturing Co., Ltd. is a high-tech enterprise integrating R&D, manufacture, service and trade. Our main products are: force gauges, spring tester, torque meter, tension gauge, durometer, and manual or electric test stand. Our company has strong technical strength, excellent design, comprehensive process control and reliable detection means to provide users with cost-effective mechanical equipment. Our gauge manufacture license is issued by the State Quality and Technical Supervision, and we take advanced quality management system for scientific and effective management.

We always carry out "quality first, customers first, intensify management, keep improving" as quality guideline. Stable and reliable product quality makes our various products can not only replace similar imported products, but also sold around the world, having received users and dealers' favors and high praises in the market. Our products are suitable for various trades and industries: electronic appliances, wires and cables, electromagnetic machinery, auto parts, power machinery, chemical glue, building doors and windows, plastic and plastic woven, spring manufacturing, medical equipment, fire equipment, printing and packaging, razor industry, fishing gears, aviation, zipper buttons, textiles, coal, furniture, elevators, lighters and ignition devices, locks, pens, as well as research institutions and schools.

Our company specializes in the production of mechanical equipment. We are one of the professional mechanical equipment manufacturers which have the most complete specifications in China. Our aim is "make high-quality goods, serve the public" by fine pre-sales, sales, after-sales service.



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AWG Torque Wrench

Product Description

Digital torque wrench is different from general torque wrench, it has strong operation function including torque setting, time setting, mode setting, data storage, data clear, data output and user calibration function. It is easy to operate, it reduce the requirements for the operator by install the digital display. It is widely used for the automotive industry, machinery industry, such as bolt fastening and control.



Features

- Accuracy ± 2 (range 20~100%)
- Clockwise and counterclockwise both operated
- Peak hold and real-time mode
- Buzzer and LED indication (reach preset torque value)
- Four units (ft-lb, in-lb, N-m, kgf.cm)
- 100 records can be stored
- Communication function

Technical parameters

Model		AWG2 -010	AWG2 -030	AWG3 -030	AWG3 -060	AWG3 -085	AWG3 -135	AWG4 -135	AWG4 -200	AWG4 -340	AWG6 -500	AWG6 -850	
	commu nication	AWG2 -010R	AWG2 -030R	AWG3 -030R	AWG3 -060R	AWG3 -085R	AWG3 -135R	AWG4 -135R	AWG4 -200R	AWG4 -340R	AWG6 -500R	AWG6 -850R	
Min. Resolution		0.01						0.1					
Max. Operation Range (N.m)		10N.m	30N.m	30N.m	60N.m	85N.m	135N.m	135N.m	200N.m	340N.m	500N.m	850N.m	
		7.37ft.lb	22.12ft.lb	22.12ft.lb	44.25ft.lb	62.69ft.lb	99.57ft.lb	99.57ft.lb	147.5ft.lb	250ft.lb	368.7ft.lb	626.8ft.lb	
		88.50in.lb	265.5in.lb	265.5in.lb	531.04in.lb	752.31in.lb	1195in.lb	1195in.lb	1770in.lb	3009in.lb	4424in.lb	7521in.lb	
		101.97	305.91	305.91	611.82	866.75	1376.61	1376.61	2039.43	3467.03	5098.58	8667.58	
		kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm	kgf.cm
Square Drive(inches)		1/4		3/8				1/2			3/4		
Measured Torque Range(N.m)		0.5~10	1.5~30	1.5~30	2~60	4.25 ~85	6.75 ~135	6.75 ~135	10~ 200	17~ 340	25~ 500	42.5 ~850	
Length		390		420				535		655			
Accuracy		Clockwise: ±2% counterclockwise: ±2.5%										Clockwise: ±2.5% counter clockwise: ±3.5%	
Number of ratchet gear		36										48	
Ratchet head type		Double-side ratchet head					Operation temperature		-10℃~60℃				
Data storage capacity		100					Storage temperature		-20℃~70℃				
Operation mode		Peak hold mode (P) /Real-time mode (T)					humidity		No condensation to 90%				
Unit		N.m、in.lb、ft.lb、kgf.cm					Drop test height		1 meter				
Button		5					Vibration test condition		10G				
Battery		AA battery × 2		1.5V (AA battery)			Life time test		10000 times				

AYQJ Torque Screwdriver Tester

Product Description

Torque screwdriver tester is a intelligent multi-function measuring instrument which is specialized in testing and checking all kinds of torque screwdriver. It is mainly used for testing and adjusting all kinds of torque screwdrivers, all products involving tests of tightening force, parts torsion destructive force tests, etc. It has characteristic of easy operation, high precision, full function and so on. It is widely used in various electrical, light industry, machinery manufacturing, scientific research and other industries.

Characteristic

- Three units can be switched into each other for optional (N · m, kgf · cm, lbf · in)
- Three modes: Real-time, Peak, Auto-peak can be switched.
- The USB interface can be connected to PC to make synchronous tests to show force diagram, and also can record and store the result.

Technical parameters

Model		AYQJ-2	AYQJ-5	AYQJ-10	AYQJ-20
Measuring range/division value	N.m	2.000/0.001	5.000/0.001	10.00/0.01	20.00/0.01
	Kgf.cm	20.40/0.01	51.00/0.01	102.0/0.1	204.0/0.1
	lbf.in	17.70/0.01	44.25/0.01	88.5/0.1	177.0/0.1
Precision		± 1%			
Peak Sampling Frequency		1920HZ		Battery life	≥ 300 times
Power		7.2V 1.2V × 6 Ni-MH Battery		Size	260*300*620mm
Charging Time		4~6 hours		Net Weight	32KG
Charger		Input: AC 100~240V 50~60HZ Output: DC 12V 1000mA			



ANQH Torque Driver Tester

Product Description

Torque screwdriver tester is a intelligent multi-function measuring instrument which is specialized in testing and checking all kinds of torque screwdriver. It is mainly used for testing and adjusting all kinds of torque screwdrivers, all products involving tests of tightening force, parts torsion destructive force tests, etc. It has characteristic of easy operation, high precision, full function and so on. It is widely used in various electrical, light industry, machinery manufacturing, scientific research and other industries.

Technical parameters

Model	ANQH-2	ANQH-10
Max. Range	2N.m	10N.m
	0.2kgf.cm	1 kgf.cm
	0.45Lbf.in	2.2 Lbf.in
Min. Resolution	0.0001	0.001
Acuracy	± 1%	
Unit	N.m/Kgf.cm/Lbf.in	
Data Storage	100	
Power	Output: AC 110~240V Output: DC 12V	
Working Temperature	5°C~35°C	
Working Temperature	-10°C~60°C	
Working Environment	No source and corrosive media around	
Dimension (mm)	220*234*225	
Weight (kg)	14.5	



ANQ Dial Torque Driver



Technical parameters

Model	Capacity (N · m)	Accurate (%)	Long (mm)
ANQ-0.6	0.1-0.6	5%	270
ANQ-1.2	0.2-1.2		
ANQ-3	0.25-3		
ANQ-6	0.5-6		
ANQ-9	0.75-9		
ANQ-12	1-12		

AYQ LTKD Prest Torque Driver



Technical parameters

Type	LTDK-1.5	LTDK-3	AYQ-0.6	AYQ-1.2	AYQ-3	AYQ-6
Torque range	0.1-0.5 (kgf・cm)	0.2-3.0 (kgf・cm)	0.1-0.6 (N・m)	0.2-1.2 (N・m)	0.5-3 (N・m)	1-6 (N・m)
Division value(N・m)	0.01(kgf・cm)	0.02(kgf・cm)	0.01(N・m)	0.02(N・m)	0.05(N・m)	0.1(N・m)
Precision	99mm		161mm		186mm	
Full size(mm)	φ 17mm		φ 26mm		φ 31mm	
Handle diameter(mm)	About 0.1Kg		About 0.3Kg		About 0.4Kg	
Net weight	± 5%					
Connection size	----		6.35mm			

AQSH Digital Torque Driver

Product Description

AQSH digital torque screwdriver is small torque tight for the precision manufacturing industry. Carefully designed product for firmware assembly and torque detection, torque display. Indeed, with acousto-optic alarm function, three mode of work (tracking, Peak, preset) arbitrary switching. Under the peak working mode, there is self-dynamic and manual storage of 500 sets of torque peak function, can be passed by USB. The data line is directly connected with the computer, and can be stored by the host computer software. The storage data is downloaded, viewed, analyzed, deleted, and printed. A.



Technical parameters

Model	Torque Range (N.m)	Division value (N.m)	Accuracy	Drive Size		Weight (kg)
				inch	mm	
AQSH-0.5	0.1-0.5	0.1	±1%	1/4	6.35	0.45
AQSH-2	0.4-2	0.1	±1%	1/4	6.35	0.45
AQSH-4	0.8-4	0.1	±1%	1/4	6.35	0.45
AQSH-8	1.6~8	0.1	±1%	1/4	6.35	0.45

ANJ Digital Torque Wrench Tester

Product Description

Digital Torque Wrench Tester is an intelligent multi-functional measuring instrument which is designed for testing torque wrench. It is mainly used in testing and calibrating various kinds of concentration type torque wrench, digital type torque wrench, preset type torque wrench, torsion screwdriver, screwdriver and all kinds of products involving tighten force instrument. Widely used in electrical manufacturing, mechanical manufacturing, automotive light industry and in scientific research and testing industry.



Main features

- Three units can be switched each other (N · m, Kg · cm, Lbf · in).
- Real-time, peak, automatic peak three models of optional switch.
- Use USB interface and PC communications, synchronous test function can connect to the computer, computer synchronous display test force graph and the detailed test process, can save, print, doing all sorts of analysis.
- Peak holding, remove automatically function, remove time to set freely.
- Large storage, can save 99 groups of test data.

Technical parameters

Index		Type	ANJ- 50	ANJ- 100	ANJ- 200	ANJ- 300	ANJ- 500	ANJ- 1000
Measuring range/ division value	N.m		50.000/0.001	100.00/0.01	200.00/0.01	300.00/0.01	500.00/0.01	1000.0/0.1
	Kgf.cm		510.52/0.01	1021.0/0.1	2042.0/0.1	3063.1/0.1	5105.2/0.1	10210/1
	lbf.in		443.11/0.01	886.2/0.1	1772.4/0.1	2658.6/0.1	4431.1/0.1	88622/1
Product Size(mm)			700 × 320 × 240					1120 × 450 × 230
Packing Size			110*47*35cm					130*60*35cm
The testing length range			150mm ~ 620mm					150mm ~ 820mm
Width stroke			130mm					200mm
Height stroke			80mm					
Precision			± 1%					
Peak Value Sampling Frequency			2000HZ					
Power			7.2V 1.2VX6 Ni-MH Battery group					
Charging Time			4 ~ 6 Hours					
Continuous using time of battery			About 10 Hours					
Battery life			≥ 300 times					
Net Weight			25Kg					56kg
Gross Weight			32kg					88kg
Power adapter			Input: AC 100~240V 50~60HZ Output: DC 10V 300mA					

ANSJ Mini Torque Tester

Features

Accuracy : $\pm 1\%$
Two direction: clockwise and unclockwise
Mode: Peak Mode ,MAX and Track Mode

Three units: N.M, Kgf.cm , Lbf.in
2000 data storage
Communication Function



Technical parameters

Model	ANSJ-5	ANSJ-50	ANSJ-220	ANSJ-550	ANSJ-2200
Range(N.m)	0.500~5.00	5.00~50.00	22.0~220.0	55.0~550.0	220~2200
Accuracy	$\pm 1\%$				
Data storage	2000				
Drive	1/4	3/8	1/2	3/4	1
Output	USB				
Operation Mode	Peak Mode (PEAK) /Real Time Mode/Max. Peak Mode				
Unit	N.m, lbf.in, kgf.cm				
Working temperature	5°C~40°C				
Storage temperature	-20°C~70°C				
Power	7.2V Ni-Mh battery				
Weight(Kg)	0.7	1.4	1.48	4.7	5.0

ANBH Torque Wrench Tester

Product Description

ANBH torque wrench tester is a special instrument for checking the torque wrench and torque screwdriver. It is mainly used for checking and calibrating the torque wrench, preset torque wrench, analog torque wrench. Widely used in electrical manufacturing, machinery manufacturing, automotive light industry, professional scientific research and testing industry. The torque value shows on digital display, more accurate and intuitive.



Technical parameters

Model	ANBH-20	ANBH-50	ANBH-100	ANBH-200	ANBH-500
Max.	20N.m	50N.m	100N.m	200N.m	500N.m
Min. resolution	0.001	0.001	0.001	0.01	0.01
Accuracy	±1%				
unit	N.m、Kgf.cm、Lbf.in				
Power	Input: AC 110V~ 240v Output: DC 12V				
Dimension(mm)	299×299×242			772×400×276	1142×553×360
Working temperature	5℃~35℃				
Transport temperature	-10℃~60℃				
Relative humidity	15% ~ 80%RH				
Working environment	No seismic source and corrosive media around				
Weight(Kg)	12			27	43

ANJ-M Digital Torque Wrench Tester

Product Description

ANJ-M Digital Torque Wrench Tester is an intelligent multi-functional measuring instrument which is designed for testing torque wrench, torque screwdriver. It main used in testing and calibrating various kinds of Concentration type torque wrench, digital type torque wrench, preset type torque wrench, torsion screwdriver, screwdriver and all kinds of products involving tighten force instrument. Widely used in electrical manufacturing, mechanical manufacturing, automotive light industry and in scientific research and testing industry.



Features

- Three units can be switched each other (N · m, kgf · cm, Lb · in)
- Real-time, peak, automatic peak three models of optional switch.
- Can large storage by USB flash disk.

Technical parametrs

Model Index		ANJ-M100	ANJ-M200	ANJ-M300	ANJ-M500	ANJ-M1000	ANJ-M2000	ANJ-M3000
Measuring range/ division value	N · m	100.0 /0.01	200.00 /0.01	300.00 /0.01	500.00 /0.01	1000 /0.1	2000 /0.1	3000 /0.1
	Kg · cm	1021.0 /0.01	2042.0 /0.1	3063.1 /0.1	5105.2 /0.1	10210 /1	20420 /1	30631 /1
	lb · in	886.2 /0.1	1772.4 /0.1	2658.6 /0.1	4431.1 /0.1	8862 /1	17724 /1	26586 /1
Length range		130mm ~ 750mm				250mm ~ 980mm	250mm ~ 1800mm	
Angle of rotation		0 ~ 60°				0 ~ 360°		
Height stroke		130mm				150mm		
Accuracy		± 1%						
Peak sampling frequency		2000HZ						
Power		AC110-240V/50Hz-60Hz						
Net weight		65Kg				335kg		

ANL Digital Torque Meter

Product Description

Digital torque meter is an intelligent multi-functional measuring instrument which is designed for testing various kinds of torque. It main used in testing and calibrating various kinds of electric pneumatic screwdriver set, the torque of torque wrench, all kinds of products refer to testing of screw down force, parts torsion destructive testing etc. With features of simple operation, high precision, easy to carry, complete functions etc. It' s widely used in various kinds of electric, light industry, machinery manufacturing, research institutions, etc.



ANL-50~500

Main features

- 1.Three units can be switched into each other (N · m , Kgf · cm , Lbf · in).
- 2.Real-time, peak, automatic peak three models of optional switch.
- 3.Use USB interface and PC communications, synchronous test function can connect to the computer, computer synchronous display test force graph and the detailed test process, can save, print, doing all sorts of analysis.



ANL-500~5000



ANL-500A-20N

Technical parameters

Type	With printer	ANL-1P	ANL-2P	ANL-3P	ANL-5P	ANL-10P	ANL-20P	ANL-50P	ANL-100P	ANL-200P	ANL-300P	ANL-500P	ANL-1000P	ANL-2000P	ANL-3000P	ANL-5000P
Index	No printer	ANL-1	ANL-2	ANL-3	ANL-5	ANL-10	ANL-20	ANL-50	ANL-100	ANL-200	ANL-300	ANL-500	ANL-1000	ANL-2000	ANL-3000	ANL-5000
Measuring range/ Division value	N · m	1.0000/ 0.0001	2.0000/ 0.0001	3.0000/ 0.0001	5.0000/ 0.0001	10.000/ 0.001	20.000/ 0.001	50.000/ 0.001	100.00/ 0.01	200.00/ 0.01	300.00/ 0.01	500.00/ 0.01	1000.0/ 0.1	2000.0/ 0.1	3000.0/ 0.1	5000.0/ 0.1
	kgf · cm	10.210/ 0.001	20.421/ 0.001	30.631/ 0.001	51.052/ 0.001	102.10/ 0.01	204.21/ 0.01	510.52/ 0.01	1024.10/ 0.1	2042.0/ 0.1	3063.1/ 0.1	5105.2/ 0.1	10210/ 1	20420/ 1	30630/ 1	51051/ 1
	Lbf · in	8.862/ 0.001	17.724/ 0.001	26.586/ 0.001	44.311/ 0.001	88.62/ 0.01	177.24/ 0.01	443.11/ 0.01	886.2/ 0.1	1772.4/ 0.1	2658.6/ 0.1	4431.1/ 0.1	88622/ 1	17724/ 1	26586/ 1	44311/ 1
Precision		± 1%								± 1%						
Peak Value Sampling Frequency		2000HZ								2000HZ						
Power		8.4V 1.2VX7 Ni-MH Battery group								8.4V 1.2VX7 Ni-MH Battery group						
Charging Time		4~6 Hours								4~6 Hours						
Continuous using time of battery		About 10 Hours								About 10 Hours						
Battery life		≥ 300 times								≥ 300 times						
Size		With Printer: 230mm × 95mm × 180mm No printer: 230mm × 70mm × 125mm											With Printer: Host display part 230mm × 95mm × 180mm No printer: Host display part 230mm × 70mm × 125mm			
Net Weight		With printer: 4KG NO printer: 2KG								With printer: 36KG NO printer: 34KG			With printer: 36KG NO printer: 34KG			
Power adapter		Input: AC 100~240V 50~60HZ Output: DC 10V 300mA								Input: AC 100~240V 50~60HZ Output: DC 10V 300mA			Input: AC 100~22~40V 50~60HZ Output: DC 10V 300mA			

ANL-P Bottle Cap torque meter



with printer



without printer

Product Description

Digital bottle cap torque meter is an intelligent multi-functional measuring instrument which is designed for testing various kinds of bottle cap torque. It is mainly used in testing and calibrating tighten force, parts torsional destructive testing, etc. With features of simple operation, high precision, easy to carry, complete functions etc. It's widely used in various kinds of electric, light industry, machinery manufacturing, research institutions, etc.

Technical parameters

Type	With printer	ANL-P1	ANL-P2	ANL-P3	ANL-P5	ANL-P10	ANL-P20
Index	No printer	ANL-WP1	ANL-WP2	ANL-WP3	ANL-WP5	ANL-WP10	ANL-WP20
Measuring range / Division value	N · m	1.000/0.001	2.000/0.001	3.000/0.001	5.000/0.002	10.00/0.01	20.00/0.01
	Kg · cm	10.20/0.01	20.40/0.01	30.60/0.02	51.00/0.02	102.0/0.05	204.0/0.1
	lb · in	8.85/0.01	17.70/0.01	26.55/0.02	44.25/0.02	88.5/0.05	177.0/0.1
Precision	± 1%						
Peak Value Sampling Frequency	2000HZ						
Power	7.2V 1.2VX6 Ni-MH Battery group						
Charging Time	4 ~ 6 Hours						
Battery life	≥ 300 times						
Net Weight	15KG						
Gross Weight	22kg						
Power adapter	Input: AC 110V-240V 50-60HZ Output: DC 10V 300mA						

ANL-B Digital Torque Meter

Product Description

Digital torque meter is an intelligent multi-functional measuring instrument which is designed for testing various kinds of torque. It main used in testing and calibration various kinds of electric pneumatic screwdriver set, the torque of torque wrench, all kinds of products refer to testing of screw down force, parts torsion destructive testing etc. It' s widely used in various kinds of electric, light industry, machinery manufacturing, research institutions, etc.



Technical parameters

TYPES	UNIT	ANL-1B	ANL-2B	ANL-5B	ANL-10B	ANL-20B
Test range	N.m	0.1000~1.0000	0.200~2.000	0.500~5.000	1.000~10.000	2.00~20.00
	kgf.cm	1.0197~10.197	2.039~20.39	5.098~50.98	10.197~101.97	20.39~203.9
	ft.lbf	0.07375~0.7375	0.1475~1.475	0.3687~3.687	0.7375~7.375	1.475~14.75
	in.lbf	0.8850~8.850	1.770~17.70	4.425~44.25	8.850~88.50	17.70~177.0
Division value	N.m	0.0001	0.001	0.001	0.001	0.01
	kgf.cm	0.001	0.01	0.01	0.01	0.1
	ft.lbf	0.0001	0.001	0.001	0.001	0.01
	in.lbf	0.001	0.01	0.01	0.01	0.1
Accuracy	±1%					
transfer	USB Transfer					
Mode	First Peak/Real Time/Peak					
Unit	N.m/kgf.cm/ft.lbf/in.lbf					
Operating Temper	5°C~40°C					
Storage Temperature	-20°C~70°C					
Humidity	No Condensation 90%					
Power	7.4V Lithium Battery					
Charger	Input: AC 220V 50HZ Output: DC 12V 300/500mA					
N.W. (Kg)	1.58					

ADN Dynamic Torque Tester

Product Features

- 1, Signal output waveform square amplitude optional 5V / 12V.
- 2, Boot 5 minutes into the working status, not need preheating course.
- 3, high accuracy, good stability and anti-jamming.
- 4, Do not need repeated zero setting can measure positive and negative torque.
- 5, small volume, light weight, easy to install.
- 6, The sensor can be used independently from the second instrument, so long as providing the power $\pm 15V(200mA)$ according to the socket pin number, then it can output isotropic wave or pulse wave frequency signal whose impedance is proportional to the torque.



Technical parameters

Model	ADN-5	ADN-10	ADN-20	ADN-30	ADN-50	ADN-100	ADN-200	ADN-300	ADN-500	ADN-1000	ADN-2000	ADN-3000	ADN-5000	ADN-10k	ADN-15k	ADN-30k	ADN-50k	ADN-100k	ADN-200k	
MAX. LOAD	5N・m	10N・m	20N・m	30N・m	50N・m	100N・m	200N・m	300N・m	500N・m	1000N・m	2000N・m	3000N・m	5000N・m	10KN・m	15KN・m	30KN・m	50KN・m	100KN・m	200KN・m	
Load index value	0.001N・m	0.01N・m				0.1N・m				1N・m				10N・m				0.1KN・m		
Max.speed	1500rpm						1000rpm			750rpm	500rpm	400rpm	300rpm			250rpm				
accuracy	± 1%									Zero temperature drift		≦ ± 0.2 % F S /10℃								
power	± 15VDC									Output impedance		350Ω ± 1Ω、700Ω ± 3Ω、1000Ω ± 5Ω (optional)								
Torque accuracy	≦ ± 0.5 % F S、≦ ± 0.3 % F S、≦ ± 0.1 % F S (optional)									Insulation resistance		500MΩ								
Frequency response	100 μ s									Static overload		120 % 150% 200%(optional)								
The nonlinear	≦ ± 0.2 % F S									Using temperature		－10 ～ 50℃								
Repeatability	≦ ± 0.1% F S									Storage temperature		－20 ～ 70℃								
Return difference	≦ ± 0.1 % F S									Power supply voltage		± 15V ± 5%								
Zero time drift	≦ ± 0.2 % F S																			

ASZ Rope Tension Tester

Product Description

Rope Tension Testing Instrument can be applied to various occasions, such as power industry, telecommunications industry, transportation industry, glass curtain wall decoration, ropeway industry, construction industry, pleasure grounds, tunnel construction, fishing, major research institutions and teaching institutions, testing institutions and other occasions involved with the tension of ropes and steel wire ropes.



Technical parameters

Model Specifications	ASZ-20	ASZ-50	ASZ-100	ASZ-200
Maximum Load Value (KN)	20	50	100	200
Divided Load Value (KN)	0.01	0.01	0.1	0.1
Measuring Range (mm)	Φ6~Φ20	Φ12~Φ30	Φ16~Φ36	Φ20~Φ40
Output Connector	Rs232 9-hole socket			
Charging Time	7.2V 1.2V × 6			
Power	rechargeable battery charger (charging voltage 100V ~ 240V)			
Operating Temperature	5℃ ~ 35℃			
Transport Temperature	-10℃ ~ 60℃			
Relative Humidity	15% ~ 80%RH			
Operation	No vibration focus and corrosive media around			
Net Weight	About 5.5kg			
Dimensions	650 × 375 × 100mm			

AZGH Rope Tension Meter

Product Description

AZGH rope tension meter is an equipment which is testing wire rope , wire and cable, optical fiber and cable. It is mainly suitable for high-speed rail industry, power industry, communication industry, transportation industry, construction industry, Playground, amusement park and other occasions. It also applies to the major research institutions, testing institutions and other occasions.



Main features

Load Division Value : 1N
Accuracy: $\pm 5\%$
Power: 7.2V Ni-MH Battery
Charger: Input AC100~240v 50~60Hz Output: DC12V 500mA
Sampling Rate: 10Hz .

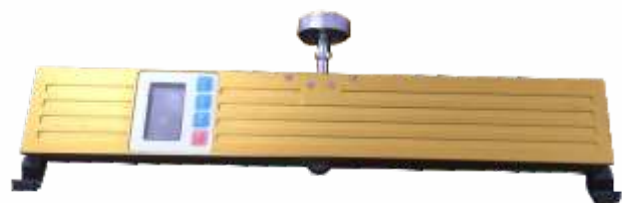
Technical parameters

model	AZGH-A-5000		AZGH-B-5000		AZGH-C-5000		
	Diameter (mm)	Full range (N)	Diameter (mm)	Full range (N)	Diameter (mm)	Full range (N)	
indicators	analyste	Copper conductor	Copper conductor	Copper conductor	Copper conductor	Copper conductor	
traction							
1		ϕ 7.5	5000	ϕ 10.5	5000	ϕ 12.5	5000
2		ϕ 9	5000	ϕ 12.5	5000	ϕ 14	5000
3		ϕ 10.5	5000	ϕ 14	5000	ϕ 16	5000

DGZ-Y Elevator Rope Tension Meter

Product Description

Elevator rope tension tester is mainly used in elevator wire rope tension test . To check and adjust each wire rope of elevator in the process of installation, check before acceptance and annual inspection to ensure its tension as consistent as possible, thereby prolonging the service life of the traction wheel . The tension tester can also be applied to the bridge with sling, tower wiring, overhead wire , index wire rope and other tension test.



Technical parameters

Model	DGZ-Y-3000			DGZ-Y-5000		
Number	1	2	3	1	2	3
Diameter	Φ 6	Φ 8	Φ 10	Φ 11	Φ 13	Φ 16
Range	3000N			5000N		
Min. Load Division Value	1N					
Scientific measuring range	10%~90%					
Accuracy	≦ ± 5%					
Power	7.2V 1.2V × 6 NI-H Battery					
Charger	Input : AC 100~240V Output: DC 12V 500mA					
Weight (Kg)	1.4 kg					

HD Digital Pressuremeter Tension Tester

Product Description

Digital pressure meter tester is a kind of special equipment to measure wind towers, signal transmission and power transmission systems rope tension. It has characters of high precision, easy to operate, easy to carry, etc. also it has many kinds of test modes, convenient to testing. Users can also input gravity acceleration value to make the test more accurately.



Technical parameters

Rope Tension	Rope Diameter(mm)	A(mm)	B(mm)	C(mm)
1T	Φ 6~Φ 14	160	30	60
2T	Φ 10~Φ 18	160	30	60
5T	Φ 16~Φ 26	180	34	68
10T	Φ 24~Φ 36	200	40	80
20T	Φ 24~Φ 36	240	46	90

ATL Digital Tension Gauge

Product Description

Digital tension meter is a kind of tension testing equipment which is easy portable and lower power, it's characteristic is small size, light weight, easy to carry, wide scope of application, high precision and so on. Apply to relay contact pressure, electronic switch, micro auto-phone equipment and armature pressure and so on.



tooth tip



sharp tip



round tip

Technical parameters

Model	ATL-1	ATL-2	ATL-3	ATL-5	ATL-10	ATL-20
Max. Load	1N	2N	3N	5N	10N	20N
	0.1Kg	0.2Kg	0.3Kg	0.5Kg	1Kg	2Kg
	0.21Lb	0.41Lb	0.62Lb	1.03Lb	2.07Lb	4.14Lb
	3.6Oz	7.2Oz	10.8Oz	18Oz	36Oz	72Oz
	100g	200g	300g	500g	1000g	2000g
Load Division Value	0.001N				0.01N	
	0.0001kg				0.001kg	
	0.0001Lb				0.001Lb	
	0.001Oz				0.01Oz	
	0.1g				1kg	
Precision	± 0.5%					
Power	AAA battery*4					
Use life	≥ 100 hours					
Dimension	128mm*66mm*28mm					
Net weight	About 145g					

AJL Water Pipe Leak Detector

Product Features

Water Leak Detector is a special instrument for searching and confirming the location of water pipe leak. It can also be used for other pressure pipe system. When the liquid in pipe overflows under pressure, noise can propagate along the pipe or spread to the ground through buried media, our instrument can confirm the location of leaks along the pipeline or above the ground surface.



Technical parameters

Model	2000	3000	Screen	160 × 160 pixel,LCD display
Frequency analysis bandwidth	70~3000Hz,nearly 5 octave,two kinds of bandwidth	70~4000Hz,nearly 5 octave,two kinds of bandwidth	Power	Lithium battery,7.4V 3000mAh,rechargeable
			Battery life	Working time after fully charged ≥35hours (Turn off backlight)
Frequency division (Center frequency)	a、100 Hz b: 200 Hz c: 400 Hz d: 800 Hz e: 1K Hz f: 1.5K Hz g: 2K Hz	a、100 Hz b: 200 Hz c: 400 Hz d: 800 Hz e: 1K Hz f: 1.5K Hz g: 3K Hz	Storage	Store 9 sets measuring value stored in 9 channels to check separately
			Operation temperature	-10℃~+50℃
			Storage temperature	-10℃~+70℃
			Size of instrument	(L × W × D) : 210 × 98 × 98mm
			Weight	
Main box (include battery):0.77 kg Cable-controlled components:0.24 kg Vibration pickup:0.28 kg Headset:0.35 kg Probe components:0.38 kg Aluminum case(include Main box and accessories):5.5 kg				
Bandwidth	a.Narrow band:symbol b.Middle width:symbol			
Value Display	Display as a bar(within 0-100)			

DTF Yarn Tension Meter

Product Description

DTF series Yarn Tension Meter is a instrument which applied in textile industry. And it also could test the Small metal lines.

Characteristic: Referred the principle of the pulley block. Guide wheel is precision bearings with small resistance, make the measuring result more accurate.



Technical parameters

Model	Range (gw)	Minimum scale value (gw)	accuracy
DTF-25	25-2-25	1	± 1°
DTF-50	50-4-50	2	
DTF-75	75-5-75	5	
DTF-100	100-10-100	5	
DTF-150	150-10-150	5	
DTF-250	250-20-250	10	

ATG/ATN Tension Gauge

Product Description

Tension meter relay connections to apply pressure, electronic switches, micro-switches, valves, spring widening pressure, dial spindle pressure measurement equipment, automatic telephone equipment connections and pressure mechanical pressure armature, tape recorders buffer pressure point of contact pressure and other precision pressure, tension tests.



Technical parameters

Type	Max.measured value	Division value	Measuring range	G.W.(kg)
Units:N				
ATN-0.05	0.05	0.002	0.01-0.05-0.01	0.25kg
ATN-0.3	0.3N	0.01N	0.06-0.3-0.06N	
ATN-0.5	0.5N	0.02N	0.1-0.5-0.1N	
ATN-1	1N	0.05N	0.2-1-0.2N	
ATN-1.5	1.5N	0.05N	0.3-1.5-0.3N	
ATN-3	3N	0.1N	0.6-3.0-0.6N	
ATN-5	5N	0.2N	1-5-1N	
Units:G				
ATG-30	30g	1g	6-30-6g	0.25kg
ATG-50	50g	2g	10-50-10g	
ATG-100	100g	5g	20-100-20g	
ATG-150	150g	5g	30-150-30g	
ATG-300	300g	10g	60-300-60g	
ATG-500	500g	20g	100-500-100g	

ATSM Automatic Spring Tester

Product Description

ATSM Automatic spring tester is a new type spring testing machine that application of advanced electronic technology combined with high efficient precision mechanical transmission, this series of automatic spring tension and compression testing machine based on international JB / T7796-2005 《spring tension and compression testing machine technical conditions》, Configuration of high-precision sensor which can be accurately loaded and positioned. Mainly applied to spring, rubber, reed and other elastic devices in a certain length of work under tension, compression force, stiffness, fatigue and other tests. Widely used in spring manufacturing companies .



Technical parameters

Model	ATSM-10	ATSM-20	ATSM-50	ATSM-100	ATSM-200	ATSM-500
Max. Load	10N	20N	50N	100N	200	500N
Min. Resolution	0.0001N	0.001N	0.001N	0.001N	0.01N	0.01N
Unit	N、Kg、g、lb					
Accuracy	±0.5%					
Length (movement) accuracy	0.01mm					
Max. Stroke	200mm					
Speed Range	1-500mm/min					
Spring Test Selection	φ 20mm		φ 60mm			
Standard pressure plate diameter	1mm,0.1mm,0.01mm					
Test Selection	Compression , Extension					
Manual Button move at once	1,set length and test load 2,set load and test length 3,set deformation and test load 4,set load and test deformation					
Dimension	450mm*380mm*550mm					
Weight	About 60kg					
Power	110-240V 0.5A					

ANH Digital Torsional Spring Tester

Product Description

ANH series digital torsion spring tester is a kind of intelligent multifunctional measuring instrument used for testing and inspection of torsion springs. With simple operation, high accuracy, easy to carry, complete functions, widely used in all kinds of electric, light industry, machinery manufacturing, research institutions, etc.

Product Features

- 1.Angle Resolution: 0.1°
- 2.Torque dish diameter: 100mm
- 3.The tested spring height: <80mm
- 4.Torsional horn maximum read values: 9999.9°

Technical parameters

Type	ANT-500A	ANT-1000A	ANT-2000A	ANT-3000A	ANT-5000A	ANT-1	ANT-2	ANT-3	ANT-5	ANT-10	ANT-20
Max.load	500mN · m	1000mN · m	2000mN · m	3000mN · m	5000mN · m	1N · m	2N · m	3N · m	5N · m	10N · m	20N · m
	5105.2gf · cm	10210gf · cm	20421gf · cm	36631gf · cm	51052gf · cm	10.21kgf · cm	20.42kgf · cm	30.63kgf · cm	204.2kgf · cm	102.1kgf · cm	204.2kgf · cm
Resolution	0.01mN · m	0.01mN · m	0.01mN · m	0.01mN · m	0.01mN · m	0.0001mN · m	0.0001mN · m	0.0001mN · m	0.0001mN · m	0.0001mN · m	0.0001mN · m
	0.1gf · cm	0.1gf · cm	0.1gf · cm	0.1gf · cm	0.1gf · cm	0.001kf · cm	0.001kf · cm	0.001kf · cm	0.001kf · cm	0.001kf · cm	0.001kf · cm
Testing angle range	0~9999.9°										
Angle resolution	0.1°										
Accuracy	± 1%										
Testing spring height	<80mm										
Torque plate diameter	100mm										
Load way	Manual										
Size	450 × 220 × 260mm										
Power	100~240V 50~60Hz										



ADT Digital Horizontal Torsion Spring Tester

Product Description

ADT horizontal torsion spring testing machine is an intellectualization and multiple function measuring instrument which is special designed for testing various kinds of torsion spring. It can be used in torsion testing system of various shapes of torsion spring, volute spring and other elastic torsion element. Has the advantages of simple operation, high precision, whole function, portable and so on. Widely use in various kinds of electrical, light industry, machinery manufacturing, scientific research institution and other industries.

Technical parameters

Type	ADT-500A	ADT-1000A	ADT-2000A	ADT-3000A	ADT-5000A	ADT-10	ADT-20	ADT-30	ADT-50
Load	500mN · m	1000mN · m	2000mN · m	3000mN · m	5000mN · m	10N · m	20N · m	30N · m	50N · m
	5105.2gf · cm	10210gf · cm	20421gf · cm	36631gf · cm	51052gf · cm	102.1kgf · cm	204.2kgf · cm	306.3kgf · cm	510.5kgf · cm
Resolution	0.01mN · m	0.01mN · m	0.01mN · m	0.01mN · m	0.01mN · m	0.0001mN · m	0.0001mN · m	0.0001mN · m	0.0001mN · m
	0.1gf · cm	0.1gf · cm	0.1gf · cm	0.1gf · cm	0.1gf · cm	0.001kf · cm	0.001kf · cm	0.001kf · cm	0.001kf · cm
Testing angle range	0~9999.9°								
Angle resolution	0.1°								
Accuracy	± 1%								
Testing spring height	150mm								
Sample turnover diameter	100mm								
Load way	Manual								
Sample clamp way	Spindle configuration								
Power	100~240V 50~60Hz								
Size	750 × 320 × 290mm								
Weight	37.5kg								



ATH Spring Tester

Product Description

As a special-purpose instrument, this testing machine is used to test amount of deformation and characteristic of load relation of extension and compression springs. It can be applied to the testing of working load of extension and compression springs under certain working length. Advanced and highly integrated chip microprocessor is adopted by this machine, which also has liquid crystal display (English) and metal enclosure. The interference-killing feature of the system is thus greatly improved.



ATH-10~30



ATH-50~500



ATH-1000~5000

Functional Features

1. Liquid crystal display (English); better Human Machine Interface (HMI)
2. High precision and resolution
3. Three kinds of measurement units can be selected(N, Lb and Kg); inter-conversion is available
4. The user can independently set up acceleration of gravity of the place of usage. In this way, the testing and unit conversion would be more accurate
5. 99 sets of test data can be stored; the user can directly look over, store and delete data in the machine
6. The user can freely shift among the following three patterns: Real-time and peak-value patterns and the pattern of automatic peak value
7. It has the function of client setup and free setup of upper and lower limits (corresponding to audible and visual alarms), storage value, holding value, automatic storage time of peak value, automatic shutdown time (non-operation), etc
8. Judgment of acceptance or rejection of test data to be printed and stored, maximum value, minimum value and mean value (only for tape printing machine)
9. MODBUS-RTU standard agreement is adopted for communication; USB interface is adopted for better connection with configuration and PLC connection

Technical parameters

Model Number	ATH-10	ATH-20	ATH-30	ATH-50	ATH-100	ATH-150	ATH-200	ATH-300	ATH-500	ATH-1000	ATH-2000	ATH-3000	ATH-5000
Maximum testing load	10N	20N	30N	50N	100N	150N	200N	300N	500N	1000N	2000N	3000N	5000N
Minimum resolution	0.001N				0.01N					0.1N			
Diameter of the platen	34mm			48mm						108mm			
Maximum free length of measurable spring	80mm			150mm						200mm			
Length of travel of the displacement scale	60mm			90mm						150mm			
Division value of the displacement scale	0.01mm												
Indication error	± 1%												
Power Supply	AC 110-240V, 50HZ-60HZ												
Power capability (without printer)	13W												
Power capability (without printer)	20W												
Working tempera ture	20 ± 10℃												
Temperature of storage and transportation	-27℃~+70℃												
Relative temperature	15%~80%RH												

HF Digital Force Gauge



HF-2~1000



HF50N~200K



HF3000N~1000K



HF100K~2000K
(Clamps do not include)

Product Description

The digital force gauge with compact size, high accuracy, they are easy to operate and handy to carry out. Widely applied in electron, high & low voltage electrical appliance, hardware, automobile parts, lighter and ignition system, light industry, mechanical, textile, and so on industries for testing of pull or push load test, insertion force or pull and destructive experiment. This digital force gauge is new generation pulls the pressure measuring instrument.

Technical parameters

Model	HF 2	HF 3	HF 5	HF 10	HF 20	HF 30	HF 50	HF 100	HF 200	HF 300	HF 500	HF 1000
Peak load value	2N	3N	5N	10N	20N	30N	50N	100N	200N	300N	500N	1000N
	0.2kg	0.3kg	0.5kg	1kg	2kg	3kg	5kg	10kg	20kg	30kg	50kg	100kg
	0.45Lb	0.65Lb	1.1Lb	2.2Lb	4.5Lb	6.5Lb	11Lb	22Lb	45Lb	65Lb	110Lb	220Lb
load division value	0.001N				0.01N				0.1N			
	0.0001kg				0.001kg				0.01kg			
	0.0001Lb				0.001Lb				0.01Lb			
Sensor structure	Inner sensor											Inner/outside
Accuracy	± 0.5%											± 1%
Power	7.2V 1.2V × 6 NiMH batteries											
Data interface	RS 232 nine-hole socket											
Charging time	4~6 hours											
The battery of continuous use of time	About 15 hours											
Battery Life	≥300 times											
Charger	Input: AC 100–240V 50HZ Output: DC 12V 500mA											
Working temperature	5℃ ~ 35℃											
Transport temperature	-10℃ ~ 60℃											
Relative humidity	15% ~ 80%RH											
Working conditions	No hypocenter and corrosive medium											

Model	HF 1000	HF 2000	HF 3000	HF 5000	HF 10k	HF 20k	HF 30k	HF 50k	HF 100k	HF 200k	HF 300k	HF 500k	HF 1000k	HF 2000k
Peak load value	1000N	2000N	3000N	5000N	10KN	20KN	30KN	50KN	100KN	200KN	300KN	500KN	1000KN	2000KN
	100kg	200kg	300kg	500kg	1Kkg	2Kkg	3Kkg	5Kkg	10Kkg	20Kkg	30Kkg	50Kkg	100Kkg	200Kkg
	220Lb	450Lb	650Lb	1100Lb	2.2KLb	4.5KLb	6.5KLb	11KLb	22KLb	45KLb	65KLb	110KLb	220KLb	450KLb
load division value	0.1N	1N			0.001KN	0.01KN				0.1KN				1KN
	0.01kg	0.1kg			0.0001Kkg	0.001Kkg				0.01Kkg				0.1Kkg
	0.01Lb	0.1Lb			0.0001KLb	0.001KLb				0.01KLb				0.1KLb
Sensor structure	Inner/External Sensor	External sensor												
Accuracy	± 1%													
Power	RS 232 nine-hole socket													
Data interface	7.2V 1.2V×6 NiMH batteries													
Charging time	4~6 hours													
The battery of continuous use of time	About 15 hours													
Battery Life	≥300 times													
Charger	Input: AC 100–240V 50HZ Output: DC 12V 500mA													
Working temperature	5℃ ~ 35℃													
Transport temperature	–10℃ ~ 60℃													
Relative humidity	15% ~ 80%RH													
Working conditions	No hypocenter and corrosive medium													

NK Analog Force Gauge

Product Description

The NK series analog Force Gauge with compact size, high accuracy, they are easy to operate and handy to carry out, and can show the unit of newton and kilogram at the same time. The PEAK/TRACK knob of it can switch between the peak value load test and the continuous load test. They are excellent products which can take the place of the old style force gauges, and widely applied in electric, high & low voltage electric appliance, hardware, automobile parts, lighter and ignition system, light industry, mechanical, textile and so on industries for test of pull or push load test insertion force or pull and destructive experiment.



Technical parameters

Model	NK-20	NK-30	NK-50	NK-100	NK-200	NK-300	NK-500	NLB-20	NLB-30	NLB-50	NLB-100	NLB-200	NLB-300	NLB-500	ALB-4	ALB-10	ALB-20	ALB-40	ALB-100
Max load	20N 2kg	30N 3kg	50N 5kg	100N 10kg	200N 20kg	300N 30kg	500N 50kg	20N 4.4lb	30N 6.6lb	50N 11lb	100N 22lb	200N 44lb	300N 66lb	500N 110lb	4.5lb 2kg	11lb 5kg	22lb 10kg	45lb 20kg	11lb 5.5kg
Min load	2N 0.2kg	3N 0.3kg	5N 0.5kg	10N 1kg	20N 2kg	30N 3kg	50N 5kg	2N 0.4lb	3N 0.6lb	5N 1lb	10N 2lb	20N 4lb	30N 6lb	50N 10lb	0.45lb 0.2kg	1lb 0.5kg	2.2lb 1.1kg	4.5lb 2.2kg	11lb 5.5kg
Load graduation value	0.1N 20g	0.2N 20g	0.25N 50g	0.5N 100g	1.0N 200g	2.0N 200g	2.5N 500g	0.1N 0.04lb	0.2N 0.04lb	0.25N 0.1lb	0.5N 0.2lb	1.0N 0.4lb	2.0N 0.4lb	2.5N 1.0lb	0.02lb 0.02kg	0.05lb 0.05kg	0.1lb 0.1kg	0.2lb 0.2kg	0.5lb 0.5kg
Rod journey	10mm																		
outline dimension	260 × 66 × 36 (mm)																		

SF Digital Force Gauge

Product Description

1. Digital display, easy reading;
2. In light weight, small size, easy to carry;
3. Unit display: Lb, Kg, N



Technical parameters

Model	SF-2	SF-3	SF-5	SF-10	SF-20	SF-30	SF-50	SF-100	SF-200	SF-300	SF-500
The max. Load value	2N	3N	5N	10N	20N	30N	50N	100N	200N	300N	500N
	0.2kg	0.3kg	0.5kg	1kg	2kg	3kg	5kg	10kg	20kg	30kg	50kg
	0.45Lb	0.65Lb	1.1Lb	2.2Lb	4.5Lb	6.5Lb	11Lb	22Lb	45Lb	65Lb	110Lb
Load Value	0.001N			0.01N				0.1N			
	0.001KG			0.001KG				0.01KG			
	0.001Lb			0.001Lb				0.01Lb			
The sensor	Sensor inside										
Precision	± 0.5%										
Power	3.7V lithium battery										
Charging time	4~6 hours										
Continuous usage time of battery	About 15 hours										
Battery life	≥ 300 times										
Charger	Input: AC100- 240V 50-60Hz Output: DC 5V 1000mA										

AEL Tensile Testing Machine

Product Description

AEL Single-column Vertical Machine is force load test platform specially matched for HF and NK series force measurement gauge. The product is double vertical rod structure, featuring good stability, wide applicable scope and convenience, as well as step-less speed regulation, manual (point) and automatic control switching functions.

Product Features

Applicable for tests of force load, Insertion and withdrawal, destruction in such industries as rubber and plastic, light industry-textile, constructional door and window, composite materials, electric wire and cable, parts and accessories for automobile, power machinery, scientific research institutes, etc.



Technical parameters

Model	AEL-200-500N	AEL-400-500N	AEL-700-500N	AEL-200-1000N	AEL-400-1000N	AEL-700-1000N
Max load	500N			1000N		
Road journey	200mm	400mm	700mm	200mm	400mm	700mm
speed	25-280mm/min					
voltage	AC100-240V					
outline dimension (mm)	280 × 340 × 780	280 × 340 × 980	280 × 340 × 1270	280 × 340 × 780	280 × 340 × 980	280 × 340 × 1270
Net weight	38kg	40kg	42kg	38kg	40kg	42kg

AEV Electric Double Column Vertical Test Stand

Product Description

AEV electric vertical machine is a push -pull load test stand specially equipped for HF series and NK series force gauges. This product adopts dual vertical pole structure, featured by good stability, wide application and easy to use, etc., with the functions of step-less speed regulation, manual (crawl) and automatic switching. This product is appropriate for the push-pull load, plug power and other destructive tests in the industries of rubber, plastics, light textile, building doors and windows, composite materials, wire and cable, auto parts, power machinery and research institutions, etc.



Technical parameters

Model	AEV-5000	AEV-5000 (Heightening type)	AEV-10000	AEV-20000	AEV-30000
Max load	5000N		10000N	20000N	30000N
Road journey	220mm (Can be custom made from 220mm to 1000mm)				
speed	15~240mm/min				
voltage	AC100-240V				
outline dimension (mm)	400 × 250 × 1050	400 × 250 × 1300		640 × 400 × 2400	
Net weight	56KG	60KG		88KG	

AEH Electric Horizontal Test Stand

Product Description

AEH electric horizontal test stand is designed for HF series and NK series force gauge of push-pull load test. This product adopts double guide bar structure, it has good stability, wide suitable scope, convenient use, and has advantages of step-less speed adjustment, manual (jog), automatic control switch function. Applicable to electronic appliances, electric wire and cable, hardware machinery, electromagnetic machinery, auto parts, and machinery, chemical industry, building doors and windows, adhesive plastic woven, spring coil manufacturing, medical equipment, fire equipment, printing and packaging, shaver, gear aviation, zipper buttons, textile and clothing, coal, furniture, elevator, lighter and ignition devices, lock, pens industry, electric power industries and scientific research institutions, schools, etc.



Product Features

Maximum load: 500N (1000N can be custom made)
 Effective stroke: 150 mm (280mm can be custom made)
 Testing speed: 25-500 mm/min
 Working voltage: AC100-240V
 Outline dimension: 470 × 200 × 255 (mm)
 Net weight: 35 kg

ADL Terminal Pull Force Tester

Product Description

ADL Terminal pull force tester is a kind of testing equipment to wiring harness and electronic industry, specifically used to test all kinds of wire terminals pulling-out force. The instrument can combine NK, HF force gauge and special fixture in testing. This instrument has characteristics of compact device, accurately controlling, high testing accuracy, convenient specimen clamping, simple operation, etc. It is the ideal equipment for wiring harness factory to ensure product quality.



Product Features

Maximum load: 500N
 Effective stroke: 50 mm
 Dimensions: 450 × 260 × 160mm
 Net weight: about 10.5kg

AAJ Keystroke Force Gauge Test Stand

Product Description

Keystroke force gauge test stand is specially equipped for force gauge, which is used to the pressure load test of keys and buttons, featured by high precision, easy operation and quick reset, etc.. This machine is easy to use, can be placed on various working stand for using.

Product Features

Dimensions: 200 × 150 × 260mm
Effective stroke: 25mm
Net weight: 7.7kg
Max .Load : 500N



ABL Peel-Off Force Test Stand

Product Description

ABL Peel-off Force Test Stand is specially designed for NK, HF series Push pull equipment, can be combined into the test machine with different uses. Specially used in PC board on foil circuit adhesion force or Tin foil, aluminum foil, tape etc. Hit the object surface firmness. In view of vertical dissect the test sample. To measure the actual strength.

Product Features

Manual operation, ladder type screw transmission, simple and stable operation. This frame can be installed in table face, to make the test stand more stable.
Effective trip: 100mm
Max. Load: 500N
Dimensions: 350 × 210 × 450 mm
Net weight: 18.5kg



ABQ Button Snap Pull Tester

Product Description

The button tester is configurable for NK, HF Push Pull Gauge and special jig. Dedicated to measure the buttons' clip force or the collapsing force of detachment from clothing. Detecting the fixed strength of buttons is very important standard. Especially in infants and children's clothing design and manufacturing is the most important. It needs strength instruments to note the measurement of the force in the fixed decorative button.

Product Features

Maximum load: 300N
Effective stroke: 180 mm
Dimensions: 260 × 360 × 700mm
Net weight: about 20kg



AJJ-013



AJJ-014



AJJ-015



AJJ-016



ABQ-A



ABQ-B



ABQ-C

ALX Screw Test Stand

Product Description

ALX Screw test stand are fit to the domestic and imported NK, NLB, ALB series point type of mechanical force gauge and HF series of digital mechanical force gauge, which are subject to the pull load and plug destructive force test, also can be installed with steel gauge or digital gauge. Users can clearly observe the displacement when testing.

Product Features

Maximum load:500N
Effective stroke:150 mm
Dimensions:235 × 152 × 490 mm
Effective area of the test area:105 × 100 mm
Net weight:about 9 kg



ALX-S



ALX-B



ALX

ASL Screw Test Stand

Product Description

ASL Manual Vertical (horizontal) dual test stand is specially equipped for NK and HF series of mechanical force gauge, which can be combined to a test machine for different purposes and carry out accurate plug force, pressure force and other destructive tests. While displaying the force values, it can be equipped with the gauge to display its displacement and carry out comparison test on different parts under the same displacement.

Product Features

Maximum load:500N
Effective stroke:140 mm
Dimensions:200 × 160 × 540 mm
Net weight:about 15 kg



AST Manual Force Gauge Test Stand

Product Description

The AST Manual Test Stand can cooperate with imported and domestic various types of tension and compression force gauge (push pull force gauge) for pull pressure load, dial, strength tests slide,destructive test and so on.

Product Features

Maximum load:500N
Effective stroke:80 mm
Dimensions:240 × 255 × 505mm
Effective area of the test area:105 × 100 mm
Max. can be reached 105 × 150mm
Net weight: about 12kg



ALR Hydraulic Test Stand

Product Description

ALR Hydraulic model test stand is designed for HF series push pull force gauge operation, manual operation. Using large hydraulic jacks to realize big load force test, Simple and stable operation, it can be combined with different fixtures in various combinations of different purposes compressive load test.

Technical parameters



The force gauge need to buy separately

Max. load	5k	5T	10T	20T	50T
Compress chamber	200mm	220mm	200mm	145mm	290mm
Stretching chamber	150mm	150mm	230mm	270mm	160mm
Effective stroke	90mm	125mm	125mm	145mm	160mm
Dimensions	190 × 190 × 840mm	248 × 248 × 1050mm	310 × 310 × 1280mm	310 × 310 × 1350mm	370 × 370 × 1510mm
Net weight	30kg	42kg	92kg	102kg	240kg

ASC Side Shake Test Stand

Product Description

Model ASC manually-operated vertical side-shaking test stand is specially outfitted with HF series and NK Series thrust meters and pull tension gauge, which can be combined into test machine stands for different applications, being applied to a variety of tests of plug & pull force, pressing force, destruction testing, etc. and other tests. It not only can display the force value, but also can at the same time be installed digital measuring scale, displaying the displacement, and performing the contrast tests of different parts under the same displacement.

Technical parameters



Model	ASC-500	ASC-1000
Max load	500N	1000N
Effective stroke	180mm	
Outline dimension	260 × 360 × 500 or 260 × 360 × 700 (heightening)	
Net weight	About 18KG	About 19KG

LAC-YJ LD-YJ Hardness Test Stand

Product Description

The testing principle of hardness tester is compact, more reasonable that makes the stability and the accuracy of the test, it has a further improvement. And the use of high rigidity metal platform instead of the traditional glass platform, avoid the shortcomings of fragile glass platform. Especially in the testing of hardness test D, the users do not need to equipped with special hardness blocks, make the testing more economic and convenient .

LAC-YJ type is adapted to LX-A, LX-C hardness tester of our company's, LD - YJ is adapted to our LX-D type hardness tester.



LAC-YJ



LD-YJ

LX Shore Hardness Tester Manual

Product Description

Type A: applicable to general rubber, synthetic rubber, vulcanized rubber, soft rubber, leather, wax, etc.

Type C: applicable to the hardness test of rubber microporous material.

Type D: applicable to hard rubber, hard resin, acrylic, glass, cushiony plastic cement, printing plates, fiber, etc.

Major performances

Shore rubber hardness gauge is an apparatus to measure vulcanized rubber and plastic products. This apparatus has three models of Type A, Type C and Type D, and each model is subdivided into two types of single pointer and double pointer. Type A and D respectively are applicable to the testing of low and medium hardness, and high-hardness materials. Type C applies to the testing of microporous material which is used to make shoes, with compression rate 50 percent, stress 0.049 MPa or above, and this kind of material is made of rubber plastic and has blister in plastic.

This hardness gauge conforms to the regulations of GB/T531-99, GB2411-80, hg/t2489-93, JJG304-2003.

Technical parameters

Types	Type A	Type C	Type D
Calibration Value	0-100HA	0-100HC	0-100HD
Resolution	1HA	1HC	1HD
Pressure Head Size	Φ 0.79mm	SR2.5mm	SR0.1mm
End pressure of Pressure Head	0.55N-8.05N	0.55N-8.05N	0-44.5N
Pressure Needle Range	0-2.5mm		
Apparatus Weight	0.3kg		



LX-A



LX-C



LX-D



Digital type

LX-F Sponge Hardness Tester

Product Description

LX-F type sponge durometer is suitable for the determination of soft foam, polyurethane foam rubber products' hardness. And it will be different with the other hardness tester in the aspects of using. When using, the presser foot directly contact to the sample, and see its own weight as force measurement load.

Product Features

Character

Scope of pressure needle route: 0 ~ 2.5mm

The scale value: 0-100 degrees.

The force of pressure needle end: 550mN~4300mN (56~438.5g).

Net weight : about 505g



AGW Digital Grain Hardness Tester

Product Description

AGW digital grain hardness tester is used for scientific research and teaching of agricultural, especially used for testing the hardness of grain (wheat, rice) adopt advanced testing technology, with the characteristic of high accuracy, strong indication, high resolution, easy operation, durable and reliable. With its beautiful outlook, it can be measured by hand on site, it also can be tested in the workbench in the lab.



Technical parameters

Model	AGW-20
Max. Load	20kg 196N
Load division value	0.01kg 0.1N
Load cell	Inner
Accuracy	± 2%
Power	3.7V Lithium battery
Charger time	4~6 hours
Battery Continuous use	About 15 hours
Battery life	≥ 300 times
Charger	Input: AC 100~240V 50/60HZ Output: DC 5V 1000mA
Working temperature	5°C ~ 35°C
Transport temperature	-10°C ~ 60°C
Relative humidity	15% ~ 80%RH
Working environment	No source and corrosive media around

Product Description

- ◆ Scope of pressure for hardness testing: 0 ~ 200N (0 ~ 20kg)
- ◆ Test precision: ± 5N (± 0.5kg)
- ◆ Resolution: 0.1N (0.01kg)
- ◆ Determination of the maximum diameter of grains: 18mm
- ◆ Length × width × height: 140mm × 100mm × 250mm
- ◆ Gross weight : 3kg



GY Fruit sclerometer

Product Description

The fruit sclerometer (also called fruit hardness tester), this series has GY-1, GY-2, GY-3 three kind of models, use to testing apple, pear, Strawberry, grape's fruit's hardness. It is suitable for the fruit tree scientific research department, the fruits company, the fruit tree farm, unit and so on technical college agriculture colleges and universities, to cultivate the improved variety, the harvest storage, the product transportation and the processing and so on by the fruits hardness. Thus judge fruit's mature degree. This instrument volume small, the weight is light, straight reads the type, carries conveniently, specially is suitable for the scene determination, the result came out direct.



GY-1/GY-2/GY-3



FHT-804

Technical parameters

Model	GY-1	GY-2	GY-3		FHT-804	
Indication scale	2-15kg/cm (× 105Pa)	0.5-4kg/cm (× 105Pa)	0.5-12kg/cm (× 105Pa)	0.5-24kg/cm (× 105Pa)	0.5-12kg/cm (× 105Pa)	0.5-24kg/cm (× 105Pa)
Pressure Head size	Φ 3.5mm	Φ 3.5mm	Φ 11mm	Φ 7.9mm	Φ 11mm	Φ 7.9mm
Precision	± 0.1	± 0.02	± 0.1		± 0.1	± 0.1
Insertion Depth	10mm					
Size	140 × 60 × 30mm					
Weight	0.5 kg					

GY-4 Digital Fruit Hardness Tester

Product Description

1. Digital display, easy reading, high precision;
2. Light weight, small size, easy to carry;
3. Standard fruit hardness unit display: kgf/cm²
4. The battery has over-load protection in case of short circuit and leakage of electricity. It also can tell you when the battery is running low. It adopt the 3.7V lithium battery and auto shut off if no operation in 10 minutes.
5. Two test mode: Peak hold and Real-time;



Technical parameters

Model	15	30
Measurement Range	0.2 ~ 15 kgf/cm ² (× 105 Pa)	0.4 ~ 30kgf/cm ² (× 105 Pa)
Load scale value	0.01kgf/cm ²	
Precision	± 1%	
Pressure needle diameter	7.9mm 11.1mm	
Depth of pressure needle	10mm	
Power	3.7V lithium battery	
Charging time	4~6 hours	
Continuous usage time of battery	About 10 hours	
Battery life	≥ 300times	
Charger	Input: AC 220V 50/60HZ Output: DC 5V 1000mA	
Stability	Temperature drift: 0.2uV/°C (0~60°C) Zero temperature drift: ≤ 0.1%/8 hour/FS	
Work temperature	5°C ~ 35°C	
Transport temperature	0°C ~ 60°C	
Relative humidity	15% ~ 80%RH	
Work conditions	No focus ,Non-corrosive in surroundings	
Net weight	About 260g	
Size	160mm × 71mm × 35mm	

GY-4 Digital Fruit Hardness Tester Stand

Product Features

- Stroke: 90mm
- Max. Load: 500N
- Size: 255x240x505mm
- Net weight: 12kg



TRS-II Digital Soil Water Temperature Measuring Instrument

Product Description

- 1.High precision high resolution.
- 2.With simple operation, complete functions, convenience to carry etc. Characteristics.
- 3.Can simultaneously measuring soil water potential and temperature
- 4.Has the function of grabbing soil water peak.
- 5.With a backlight function (In no operating displayer button condition, after 10 seconds, the backlight shows)
- 6.With automatic shutdown function (In no operating displayer button condition, after 10 seconds, the displayer shutdown automatically)

Product Features

Types: TRS-II
 Max. Load: 100Kpa
 Resolution: 0.01 Kpa
 Precision: ± 1
 Temperature measurement range: $-55 \sim +150^{\circ}\text{C}$
 Temperature precision: ± 0.5
 Service environmental temperature: $0 \sim +50^{\circ}\text{C}$
 Standard probe quantity: 3 probes



TYD-2 Digital Soil Hardness Tester

Product Features

- 1.Model:TYD-2.
- 2.Maximum load:50Kg (Kg,Ng and ib Three units can be automatically converts).
- 3.Resolution:0.1Kg.
- 4.Accuracy: $\pm 0.5\%$.
- 5.Measuring depth:0 ~ 450mm.
- 6.Power: charging power supply:220V/AC; Continuous operating time of battery:6 ~ 8 hours.
- 7.Stability: temperature drift :0.2uV/ $^{\circ}\text{C}$ (0-60 $^{\circ}\text{C}$) ; Null drift: $\leq 0.1\%/8\text{hour}$ /FS
- 8.Calibration range: full-scale calibration.
- 9.Ambient temperature:0 ~ +60 $^{\circ}\text{C}$.
- 10.Ambient humidity: $\leq 80\%$.
- 11.Allowable overload:150%.
- 12.Power supply mode:5nickel cyanogen battery /220V AC charge 4 ~ 6 hours.



YYD-1 Stem Strength Tester Manual

Product Features

Max.load: 500N (N, Kg and ib three units can be automatically converts),
 Resolution: 0.01 N,
 Accuracy $\pm 0.5\%$;
 Power supply: the power charging 220V/AC, Batteries continuous working time: 6 ~ 8 hour,
 Stability temperature drift: 0.2 uV/c (0-60 $^{\circ}\text{C}$), zero-drift $\leq 0.1\%$ / 8 hours/FS,
 Calibration: full range calibration,
 Environmental temperature: $0 \sim +60^{\circ}\text{C}$,
 Humidity: $\leq 80\%$;
 Allow overload: 150%,
 Supply mode: no.5 batteries / 220V nickel cyanogen AC charging 4 ~ 6 hours.





Digital Caliper



Digital Depth Caliper



Electronic Indicator Depth Gauge



Digital Micrometer



Product Name	Measuring Range	Resolution	Accuracy
Digital Caliper	0-150mm/0-6inch	0.01mm/0.0005inch	±0.02mm
Digital Depth Caliper	0-150mm/0-6inch	0.01mm/0.0005inch	±0.02mm
Electronic Indicator Depth Gauge	0-100mm/0-4inch	0.01mm/0.0005inch	±0.03mm
Digital Micrometer	0-25mm/0-1inch	0.01mm/0.0005inch	±0.03mm
	25-50mm/1-2inch	0.01mm/0.0005inch	±0.03mm



Digital Thickness Gauge



Digital Indicator



Dial Test Indicator



Digital Bore Gauge

Product Name	Measuring Range	Resolution	Accuracy
Digital Thickness Gauge	0-10mm	0.01mm/0.0005inch	±0.03mm
Digital Micron Thickness Gauge	0-10mm	0.001mm/0.00005inch	±0.007mm
Digital Tube Thickness Gauge	0-10mm	0.01mm/0.0005inch	±0.03mm
Digital Thickness Gauge With Roller Insert	0-10mm	0.01mm/0.0005inch	±0.03mm

Product Name	Measuring Range	Resolution	Accuracy
Digital Indicator	0-12.7mm/0-0.5inch	0.01mm/0.0005inch	±0.03mm
Dial Test Indicator	0-0.8mm	0.01mm	±0.013mm
	0-0.2mm	0.002mm	±0.004mm
Digital Bore Gauge	18-35mm	0.01mm/0.0005inch	±0.02mm



Digital Incliner(Alloy Shell/Plastic Shell) Digital Protractor

Digital Angle Ruler Digital Vernier Height Gauge

Product Name	Measuring Range	Resolution	Accuracy
Digital Incliner (Alloy Shell)	4°90°	0.05°	±0.03mm
Digital Incliner (Plastic Shell)	4°90°	0.05°	±0.013mm
Digital Protractor	4°90°	0.05°	±0.004mm
Digital Angle Ruler	0-200mm/0-360°	0.05°	±0.02mm
Digital Vernier Height Gauge	0-300mm/0-12inch	0.01mm/0.0005inch	±0.04mm



Digital Scales



Digital Concentricity Tester

Product Name	Measuring Range	Resolution	Accuracy
Digital Vertical Scales	0-100mm/0-4inch	0.01mm/0.0005inch	±0.02mm
Digital Horizontal Scales	0-100mm/0-4inch	0.01mm/0.0005inch	±0.02mm
Digital Scales (External Monitor)	0-150mm/0-6inch	0.01mm/0.0005inch	±0.02mm

Product Name	Measuring Range	Resolution	Accuracy
Digital Concentricity Tester	4-25mm	102mm	0.005mm
	10-50mm	102mm	0.005mm
	20-102mm	102mm	0.005mm
	4-25mm	102mm	0.002mm
	10-50mm	102mm	0.002mm
	20-102mm	102mm	0.002mm