

DESCRIPTION:

YW-691 is a mechanical measuring instrument for pushing and pulling force testing. It can be used to test the push-pull load force, plug-pull force and damage test of electric appliance, light industry textile, building hardware, fire-fighting equipment, pen-making, lock-making, power machine and scientific research institution, etc.

The YW-691 series has a variety of measurement modes. In PEAK measurement mode, the instrument will keep the current maximum measurement peak value. The instrument supports over-limit alarm. After setting the upper and lower limits, once the measured load exceeds the set limit, the instrument will alarm.

YW-691 series instruments support 180° flipping of the screen, and the screen can be set up, down or automatically rotated according to the test needs. The instrument has a screen backlight for clear readings even in poorly lit areas.



YW-691 Series Digital Force Gauge

FEATURES:

- High precision and high resolution
- Multiple measurement modes
- Support screen 180° flip
- Sound and light alarm
- Upper and lower limit alarm prompts
- Excessive range alarm
- Key buzzer prompt
- 3 kinds of units
- Screen backlight
- Auto shutdown
- Restore factory settings
- Battery level reminder
- Low power protection

APPLICATION:

- Electronics
- Hardware lock
- Auto parts
- Construction
- Textile
- Chemical
- Mechanical

PRECAUTIONS:

- Please operate the instrument correctly and use it under the conditions specified in the technical parameter table.
- Avoid sun exposure.
- Avoid contact with corrosive substances.

WARNING:

- Do not disassemble without permission!
- Strictly prevent strong electricity and electrostatic shock!

TECHNICAL PARAMETER:

Model	YW-691-N10	YW-691-N50	YW-691-N100	YW-691-N200	YW-691-N300	YW-691-N500
Maximum Load Value	10N	50N	100N	200N	300N	500N
	1kgf	5kgf	10kgf	20kgf	30kgf	50kg
	2.2Lbf	11Lbf	22Lbf	45Lbf	65Lbf	110Lbf
Load Graduation Value	0.001N	0.01N	0.1N			
	0.001kgf	0.001kgf	0.01kgf			
	0.001Lbf	0.001Lbf (<10Lbf) 0.01Lbf (≥10Lbf)	0.1Lbf			
Sensor	Built-in					
Indication Error	±0.5%					
Unit	Kgf (kilogram force), Lbf (pound force), N (newton)					
Operating Environment	Temperature: -10~60℃ ; Humidity: ≤85%RH (no vibration source and corrosive medium around)					
Storage Environment	Temperature: -10~60℃ ; Humidity: ≤85%RH					
Power Supply	Built-in 3.7V lithium battery					
Protection Class	IP20					
Dimensions	140*68*34mm					
Shell Material	ABS; PC					
Weight	About 236g (including lithium battery)					