



HANDY TYPE FORCE TEST EQUIPMENT

DIGITAL PUSH-PULL GAGE
MECHANICAL PUSH-PULL GAGE
DIGITAL TORQUE GAGE

DIGITAL PUSH-PULL GAGE

MODEL-9500 SERIES



STANDARD ACCESSORY (except 9501)



This 9500 series CPU digital force gauge is designed for efficient measurement of tension and compression strength. It is easy to measure the ON/OFF contact of switch relay test by using external wiring. In addition, data can be memorized in the scene and then print out later after test. Measuring data indication is that compression load is with (-) mark and tension load is (+) mark. There are 5 capacity sizes 9500 series for 500 gf, 2kgf, 5kgf, 20kgf, 50kgf. Please select A type (indication for hook up side) or B type (indication for hook down side).

FUNCTIONS

- Three kinds of scale
- Digital output and analog output
- "HOLD" function by external wiring
- Enable to do insert & pull out test by single operation and display insert and pull out value mutually by a switch operation.
- Memory function
- Over-load alarm and signal function
- "0" reset by external control
- Auto-power off function
- Enable to select response speed (low or high)
- Display data is ± 5000 .

STANDARD SPECIFICATION

model	9501 A · B	9502 A · B	9505 A · B	9520 A · B	9550 A · B
measurement	± 500.0 gf	± 2.000 kgf	± 5.000 kgf	± 20.00 kgf	± 50.00 kgf
	± 1.000 lb	± 4.000 lb	± 10.00 lb	± 40.00 lb	± 100.0 lb
	± 5.000 N	± 20.00 N	± 50.00 N	± 200.0 N	± 500.0 N
units	three kinds. kgf, lb, N				
measurement system	PEAK, or Trunk.				
accuracy	0.2%FS				
response	Low, High, changing				
measurement time	less than 150ms				
indicator	LCD four digital numbers				
A/D transducer	14 bit integration system				
arithmetic and logic unit	8 bit C-MOS				
capacity · allowable load	120%FS				
analog output	± 2 VFS				
digital output	serial output				
continuously duty hours	8 hours				
environment temperature	0-40°C				
power	Nicc./AC adaptor, rechargeable				
weight	500g				

A type B type



GRIP



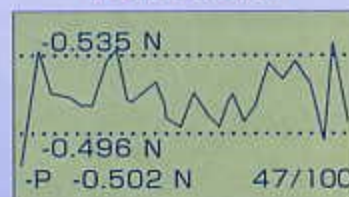
Big LCD Screen System Digital multi-type force gage

MODEL-9800 SERIES

NEW



**PROCESS CONTROL
IS ON SCREEN !!**



9800 series has been designed by improving function of former digital force gage ; users can find a lot of new functions which former digital force gage does not have. For instance, 9800 series can do process data of tension, compression, insert and pull out or switch relay contact test. Other functions of 9800 series are outside out-put control, delete data with display screen, memory 1000 datum, short time re-charge of battery(2hours) and memory back up system for changing battery, so user can change battery by themselves. moreover, the test result and graph of process control, GO,NO,GO, is displayed on LCD screen in real time. In addition, 9800 series is able to select a direction of display from 3 patterns, up, upside down, or horizontal. 9800 series is almighty force measurement. Print-out type, lot No, name can be inputted. Data communication mode and printer communication mode can be set with display screen.

- Displaying direction can be selected optionally from 3 patterns (up, down, horizontal) and enlarge display.



- Enable to display current data and graph of process quality control. The display data can be printed out by hard copy. In addition, Max. 6 patterns of setting value can be memorized. The Max. display data number can be selected form 13, 26, 64 or 128. If the data display is, the current data is overwritten on the oldest data display.

Item	+PEAK	9
Hi	+3.00	
Lo	+2.50	
MaxSmp	20	N N-1
Group	1	Graph 13
Type	1111	
Lot	ABC-14	
Name	AIKHO	

- Data memory and sum data display and printout

Item	+PEAK	9
Hi	+3.00	
Lo	+2.50	
MaxSmp	20	N N-1
Group	1	Graph 13
Type	1111	
Lot	ABC-14	
Name	AIKHO	

Display and delete sum data

Smp	48
9	-PEAK
Max	-55.6
Min	+0.0
Rng	-55.3
Ave	-40.38
Dev	21.13
Cv%	-52.32%

Display statistically value

9	-PEAK
Hi	-54.6
NG	4
Lo	-50.6
NG	17
Er%	43.75%
Cp	-0.03
Cpk	0.00

Error rate, CP., CPK